

, 16 - 19 2018

1
16.10.2018 - 10:20

, 100m

48.48 (GER) 15.11.2009
50.82 - 17.12.2016

: FINA 2018

							R.T.	FINA
1.				2001			54.32	693
	50m:	25.50	25.50	100m:	54.32	28.82		
2.				2001			55.56	648
	50m:	25.53	25.53	100m:	55.56	30.03		
3.				1997			56.72	609
	50m:	26.57	26.57	100m:	56.72	30.15		
4.				2000			56.85	604
	50m:	26.70	26.70	100m:	56.85	30.15		
5.				2001			58.22	563
	50m:	27.11	27.11	100m:	58.22	31.11		
6.				2002			58.35	559
	50m:	26.54	26.54	100m:	58.35	31.81		
7.				2001			58.62	551
	50m:	27.53	27.53	100m:	58.62	31.09		
8.				2002			58.84	545
	50m:	27.52	27.52	100m:	58.84	31.32		
9.				2003			59.00	541
	50m:	27.70	27.70	100m:	59.00	31.30		
10.				2001			59.36	531
	50m:	27.03	27.03	100m:	59.36	32.33		
				2002			59.36	531
	50m:	27.03	27.03	100m:	59.36	32.33		
12.				1999			59.38	530
	50m:	26.99	26.99	100m:	59.38	32.39		
13.				2002			59.46	528
	50m:	27.55	27.55	100m:	59.46	31.91		
14.				2001			59.54	526
	50m:	27.43	27.43	100m:	59.54	32.11		
15.				2001			59.58	525
	50m:	28.04	28.04	100m:	59.58	31.54		
16.				2001			59.64	523
	50m:	27.85	27.85	100m:	59.64	31.79		
17.				2003			59.83	518
	50m:	27.99	27.99	100m:	59.83	31.84		
18.				2001			59.86	518
	50m:	28.06	28.06	100m:	59.86	31.80		
19.				2003			1:00.02	514
	50m:	28.20	28.20	100m:	1:00.02	31.82		

ALT-Timing

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	1,	, 100m				R.T.	FINA
20.			/	2003		1:00.21	509
	50m:	27.66	27.66	100m:	1:00.21	32.55	
21.				2002		1:00.69	497
	50m:	28.17	28.17	100m:	1:00.69	32.52	
22.				2003		1:01.72	472
	50m:	28.91	28.91	100m:	1:01.72	32.81	
23.				2003		1:02.11	463
	50m:	28.66	28.66	100m:	1:02.11	33.45	
24.				2003		1:02.25	460
	50m:	28.64	28.64	100m:	1:02.25	33.61	
25.				2002		1:02.28	460
	50m:	28.63	28.63	100m:	1:02.28	33.65	
26.				2002		1:02.30	459
	50m:	27.91	27.91	100m:	1:02.30	34.39	
27.				2002		1:02.68	451
	50m:	28.47	28.47	100m:	1:02.68	34.21	
28.				2002		1:03.01	444
	50m:	27.98	27.98	100m:	1:03.01	35.03	
29.				2003		1:04.12	421
	50m:	29.49	29.49	100m:	1:04.12	34.63	
30.				2003		1:04.67	410
	50m:	29.81	29.81	100m:	1:04.67	34.86	
31.				2003		1:05.33	398
	50m:	30.32	30.32	100m:	1:05.33	35.01	
32.				2003		1:06.32	381
	50m:	31.73	31.73	100m:	1:06.32	34.59	
33.				2003		1:06.79	373
	50m:	31.82	31.82	100m:	1:06.79	34.97	
34.				2002		1:09.82	326
	50m:	31.82	31.82	100m:	1:09.82	38.00	
35.				2002		1:10.36	319
	50m:	31.26	31.26	100m:	1:10.36	39.10	

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2 , 200m
16.10.2018 - 10:27

2:04.36 -1 18.11.2017
2:06.79 - 23.12.2017

: FINA 2018

									R.T.		FINA
1.				2005					2:17.60		656
	50m:	30.69	30.69	100m:	1:05.57	34.88	150m:	1:41.29	35.72	200m:	2:17.60 36.31
2.				1996					2:21.13		608
	50m:	31.85	31.85	100m:	1:07.67	35.82	150m:	1:43.97	36.30	200m:	2:21.13 37.16
3.				2001					2:23.95		573
	50m:	32.26	32.26	100m:	1:09.01	36.75	150m:	1:47.08	38.07	200m:	2:23.95 36.87
4.				2002					2:24.78		563
	50m:	32.64	32.64	100m:	1:08.67	36.03	150m:	1:46.51	37.84	200m:	2:24.78 38.27
5.				2002					2:28.48		522
	50m:	34.11	34.11	100m:	1:11.76	37.65	150m:	1:49.95	38.19	200m:	2:28.48 38.53
6.				2005					2:30.90		498
	50m:	33.86	33.86	100m:	1:12.75	38.89	150m:	1:52.34	39.59	200m:	2:30.90 38.56
7.				2004					2:33.94		469
	50m:	34.05	34.05	100m:	1:12.31	38.26	150m:	1:51.88	39.57	200m:	2:33.94 42.06
8.				2005					2:42.50		398
	50m:	34.62	34.62	100m:	1:13.40	38.78	150m:	1:55.43	42.03	200m:	2:42.50 47.07
DSQ				2004							

ALT-Timing

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2, , 200m

EXH			/					R.T.		FINA	
			2004		-				2:33.62	472	
	50m:	32.73	32.73	100m:	1:11.43	38.70	150m:	1:52.85	41.42	200m: 2:33.62	40.77

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3
16.10.2018 - 10:31

, 200m

				1:40.08						(TUR)	13.12.2009
				1:41.75						-	23.12.2017
: FINA 2018											
				/						R.T.	FINA
1.				2001						1:52.87	682
	50m:	26.12	26.12	100m:	54.92	28.80	150m:	1:24.10	29.18	200m:	1:52.87 28.77
2.				2001						1:53.56	670
	50m:	26.74	26.74	100m:	54.91	28.17	150m:	1:23.74	28.83	200m:	1:53.56 29.82
3.				1994						1:54.29	657
	50m:	27.00	27.00	100m:	56.15	29.15	150m:	1:25.06	28.91	200m:	1:54.29 29.23
4.				1998						1:54.39	655
	50m:	27.53	27.53	100m:	56.77	29.24	150m:	1:26.04	29.27	200m:	1:54.39 28.35
5.				2002						1:55.60	635
	50m:	26.14	26.14	100m:	55.05	28.91	150m:	1:25.37	30.32	200m:	1:55.60 30.23
6.				2000						1:55.80	631
	50m:	27.48	27.48	100m:	56.87	29.39	150m:	1:26.05	29.18	200m:	1:55.80 29.75
7.				2001						1:56.27	624
	50m:	26.93	26.93	100m:	56.08	29.15	150m:	1:26.08	30.00	200m:	1:56.27 30.19
				2002						1:56.27	624
	50m:	26.22	26.22	100m:	54.92	28.70	150m:	1:25.18	30.26	200m:	1:56.27 31.09
9.				1994						1:56.42	621
	50m:	26.44	26.44	100m:	55.94	29.50	150m:	1:26.51	30.57	200m:	1:56.42 29.91
10.				2002 I						1:56.55	619
	50m:	27.48	27.48	100m:	56.98	29.50	150m:	1:27.32	30.34	200m:	1:56.55 29.23
11.				1997						1:56.87	614
	50m:	27.78	27.78	100m:	57.54	29.76	150m:	1:27.34	29.80	200m:	1:56.87 29.53
12.				2001						1:57.80	600
	50m:	26.99	26.99	100m:	56.56	29.57	150m:	1:27.30	30.74	200m:	1:57.80 30.50
13.				2001						1:58.15	594
	50m:	26.97	26.97	100m:	56.80	29.83	150m:	1:27.48	30.68	200m:	1:58.15 30.67
14.				2002						1:58.17	594
	50m:	27.20	27.20	100m:	56.94	29.74	150m:	1:28.62	31.68	200m:	1:58.17 29.55
15.				2003						1:58.38 I	591
	50m:	25.66	25.66	100m:	54.66	29.00	150m:	1:26.15	31.49	200m:	1:58.38 32.23
16.				1998						1:58.51 I	589
	50m:	28.79	28.79	100m:	58.90	30.11	150m:	1:28.87	29.97	200m:	1:58.51 29.64
17.				2001						1:58.76 I	585
	50m:	26.69	26.69	100m:	56.68	29.99	150m:	1:27.62	30.94	200m:	1:58.76 31.14
18.				2001						1:59.41 I	576
	50m:	28.44	28.44	100m:	58.88	30.44	150m:	1:30.54	31.66	200m:	1:59.41 28.87
19.				2003						1:59.71 I	571
	50m:	27.36	27.36	100m:	56.69	29.33	150m:	1:28.00	31.31	200m:	1:59.71 31.71

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3,		, 200m						R.T.	FINA	
20.			/	2001					1:59.92	568
	50m:	27.26	27.26	100m:	56.62	29.36	150m:	1:27.88	31.26	200m: 1:59.92 32.04
21.				2002					1:59.98	568
	50m:	26.33	26.33	100m:	55.99	29.66	150m:	1:28.51	32.52	200m: 1:59.98 31.47
22.				2002					2:00.52	560
	50m:	27.05	27.05	100m:	57.50	30.45	150m:	1:29.30	31.80	200m: 2:00.52 31.22
23.				2003					2:00.89	555
	50m:	28.44	28.44	100m:	59.02	30.58	150m:	1:30.17	31.15	200m: 2:00.89 30.72
24.				2001					2:00.91	555
	50m:	27.51	27.51	100m:	56.91	29.40	150m:	1:28.43	31.52	200m: 2:00.91 32.48
25.				2003					2:01.05	553
	50m:	27.32	27.32	100m:	57.05	29.73	150m:	1:28.93	31.88	200m: 2:01.05 32.12
26.				2002					2:01.09	552
	50m:	26.68	26.68	100m:	56.76	30.08	150m:	1:28.62	31.86	200m: 2:01.09 32.47
27.				2003					2:01.23	550
	50m:	27.86	27.86	100m:	58.28	30.42	150m:	1:30.30	32.02	200m: 2:01.23 30.93
28.				2003					2:01.26	550
	50m:	29.02	29.02	100m:	59.61	30.59	150m:	1:30.37	30.76	200m: 2:01.26 30.89
29.				2003					2:01.40	548
	50m:	27.73	27.73	100m:	58.03	30.30	150m:	1:29.96	31.93	200m: 2:01.40 31.44
30.				2001					2:01.61	545
	50m:	28.11	28.11	100m:	59.03	30.92	150m:	1:30.87	31.84	200m: 2:01.61 30.74
31.				2003					2:01.95	541
	50m:	28.55	28.55	100m:	59.53	30.98	150m:	1:31.31	31.78	200m: 2:01.95 30.64
32.				2002					2:02.11	538
	50m:	27.56	27.56	100m:	57.51	29.95	150m:	1:29.45	31.94	200m: 2:02.11 32.66
33.				2001					2:02.18	537
	50m:	26.69	26.69	100m:	56.86	30.17	150m:	1:29.33	32.47	200m: 2:02.18 32.85
34.				2001					2:02.56	532
	50m:	28.55	28.55	100m:	59.05	30.50	150m:	1:30.36	31.31	200m: 2:02.56 32.20
35.				2002					2:02.63	532
	50m:	27.40	27.40	100m:	58.60	31.20	150m:	1:30.97	32.37	200m: 2:02.63 31.66
36.				2003					2:03.51	520
	50m:	28.28	28.28	100m:	59.05	30.77	150m:	1:31.29	32.24	200m: 2:03.51 32.22
37.				2003					2:03.97	515
	50m:	28.26	28.26	100m:	59.51	31.25	150m:	1:32.40	32.89	200m: 2:03.97 31.57
38.				2001					2:04.34	510
	50m:	27.76	27.76	100m:	58.83	31.07	150m:	1:31.54	32.71	200m: 2:04.34 32.80
39.				2003					2:04.43	509
	50m:	27.94	27.94	100m:	58.74	30.80	150m:	1:31.28	32.54	200m: 2:04.43 33.15
40.				2003					2:05.19	500
	50m:	28.97	28.97	100m:	1:00.24	31.27	150m:	1:32.95	32.71	200m: 2:05.19 32.24

3, , 200m ,									R.T.	FINA	
41.	50m:	28.50 28.50	2002	100m:	1:00.32 31.82	150m:	1:33.32 33.00	2:06.59	200m:	2:06.59 33.27	483
42.	50m:	29.36 29.36	2001	100m:	1:01.42 32.06	150m:	1:34.62 33.20	2:06.81	200m:	2:06.81 32.19	481
43.	50m:	28.59 28.59	2003	100m:	1:01.38 32.79	150m:	1:34.26 32.88	2:07.23	200m:	2:07.23 32.97	476
44.	50m:	27.87 27.87	2002	100m:	1:00.10 32.23	150m:	1:34.06 33.96	2:07.25	200m:	2:07.25 33.19	476
45.	50m:	27.74 27.74	2003	100m:	59.56 31.82	150m:	1:33.69 34.13	2:07.30	200m:	2:07.30 33.61	475
46.	50m:	29.80 29.80	2003	100m:	1:02.77 32.97	150m:	1:36.78 34.01	2:08.67	200m:	2:08.67 31.89	460
47.	50m:	29.04 29.04	2003	100m:	1:01.85 32.81	150m:	1:35.25 33.40	2:08.80	200m:	2:08.80 33.55	459
48.	50m:	28.36 28.36	2001	100m:	1:00.07 31.71	150m:	1:33.82 33.75	2:08.87	200m:	2:08.87 35.05	458
49.	50m:	28.70 28.70	2002	100m:	1:01.11 32.41	150m:	1:34.98 33.87	2:08.92	200m:	2:08.92 33.94	457
50.	50m:	29.32 29.32	2003	100m:	1:02.17 32.85	150m:	1:36.19 34.02	2:08.93	200m:	2:08.93 32.74	457
51.	50m:	28.71 28.71	2001	100m:	1:01.35 32.64	150m:	1:35.53 34.18	2:09.29	200m:	2:09.29 33.76	454
52.	50m:	30.39 30.39	2003	100m:	1:03.06 32.67	150m:	1:36.72 33.66	2:09.30	200m:	2:09.30 32.58	453
53.	50m:	29.12 29.12	2002	100m:	1:00.91 31.79	150m:	1:34.85 33.94	2:09.94	200m:	2:09.94 35.09	447
54.	50m:	30.70 30.70	2001	100m:	1:03.86 33.16	150m:	1:38.18 34.32	2:12.90	200m:	2:12.90 34.72	418

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3, , 200m

			/					R.T.		FINA		
EXH			2003		-				1:59.96		568	
	50m:	26.71	26.71	100m:	56.80	30.09	150m:	1:28.33	31.53	200m:	1:59.96	31.63
EXH			2001		-				2:01.59		545	
	50m:	27.41	27.41	100m:	57.80	30.39	150m:	1:29.53	31.73	200m:	2:01.59	32.06
EXH			2001		-				2:08.52		462	
	50m:	27.69	27.69	100m:	1:00.39	32.70	150m:	1:35.07	34.68	200m:	2:08.52	33.45

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4 , 100m
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				52.02				(ISR)	04.12.2015
				53.23				-	21.12.2013
: FINA 2018									
				/				R.T.	FINA
1.				1997	-	-		55.28	751
	50m:	26.90	26.90	100m:	55.28	28.38			
2.				2000				56.65	697
	50m:	27.24	27.24	100m:	56.65	29.41			
3.				2002				57.81	656
	50m:	28.01	28.01	100m:	57.81	29.80			
4.				1998				58.18	644
	50m:	27.89	27.89	100m:	58.18	30.29			
5.				2002				58.40	637
	50m:	28.09	28.09	100m:	58.40	30.31			
6.				2000				58.47	634
	50m:	28.46	28.46	100m:	58.47	30.01			
7.				2004				58.61	630
	50m:	27.87	27.87	100m:	58.61	30.74			
8.				2002				58.90	620
	50m:	28.14	28.14	100m:	58.90	30.76			
9.				2002				59.00	617
	50m:	28.79	28.79	100m:	59.00	30.21			
10.				2001				59.09	614
	50m:	28.86	28.86	100m:	59.09	30.23			
11.				1999				59.75	594
	50m:	28.97	28.97	100m:	59.75	30.78			
12.				2003				1:00.05	585
	50m:	28.48	28.48	100m:	1:00.05	31.57			
13.				2003				1:00.08	585
	50m:	28.87	28.87	100m:	1:00.08	31.21			
14.				2002				1:00.70	567
	50m:	29.85	29.85	100m:	1:00.70	30.85			
15.				2003				1:01.00	559
	50m:	29.95	29.95	100m:	1:01.00	31.05			
16.				2003				1:01.01	558
	50m:	29.47	29.47	100m:	1:01.01	31.54			
17.				2003				1:01.20	553
	50m:	30.03	30.03	100m:	1:01.20	31.17			
18.				2003				1:01.58	543
	50m:	29.41	29.41	100m:	1:01.58	32.17			
19.				2002				1:01.60	542
	50m:	29.33	29.33	100m:	1:01.60	32.27			

ALT-Timing

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4,	, 100m	,	/	R.T.	FINA
20.	50m: 30.13 30.13	2003	100m: 1:01.62 31.49	1:01.62	542
21.	50m: 29.24 29.24	2003	100m: 1:01.69 32.45	1:01.69	540
22.	50m: 29.62 29.62	2002	100m: 1:02.11 32.49	1:02.11	529
23.	50m: 29.76 29.76	2005	100m: 1:02.13 32.37	1:02.13	529
24.	50m: 29.69 29.69	2001	100m: 1:02.29 32.60	1:02.29	524
25.	50m: 29.76 29.76	2003	100m: 1:02.38 32.62	1:02.38	522
26.	50m: 30.32 30.32	2004	100m: 1:02.39 32.07	1:02.39	522
27.	50m: 30.26 30.26	2005	100m: 1:02.51 32.25	1:02.51	519
28.	50m: 30.44 30.44	2005	100m: 1:02.61 32.17	1:02.61	516
29.	50m: 30.40 30.40	2002	100m: 1:02.71 32.31	1:02.71	514
30.	50m: 30.61 30.61	2004	100m: 1:02.80 32.19	1:02.80	512
31.	50m: 30.61 30.61	2005	100m: 1:02.85 32.24	1:02.85	511
32.	50m: 30.12 30.12	2002	100m: 1:02.94 32.82	1:02.94	508
33.	50m: 30.23 30.23	2002	100m: 1:02.95 32.72	1:02.95	508
34.	50m: 30.54 30.54	2002	100m: 1:03.25 32.71	1:03.25	501
35.	50m: 31.56 31.56	2004	100m: 1:03.31 31.75	1:03.31	500
36.	50m: 30.64 30.64	2003	100m: 1:03.78 33.14	1:03.78	489
37.	50m: 30.77 30.77	2003	100m: 1:03.96 33.19	1:03.96	484
	50m: 30.71 30.71	2001	100m: 1:03.96 33.25	1:03.96	484
39.	50m: 29.92 29.92	2004	100m: 1:04.01 34.09	1:04.01	483
40.	50m: 30.79 30.79	2003	100m: 1:04.02 33.23	1:04.02	483

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4,	, 100m	,	/	R.T.	FINA
41.	50m: 30.88	30.88	2003 100m: 1:04.12	33.24	1:04.12 481
42.	50m: 30.92	30.92	2004 100m: 1:04.17	33.25	1:04.17 480
43.	50m: 30.61	30.61	2003 100m: 1:04.35	33.74	1:04.35 476
44.	50m: 31.05	31.05	2001 100m: 1:04.83	33.78	1:04.83 465
45.	50m: 31.28	31.28	2005 100m: 1:05.18	33.90	1:05.18 458
46.	50m: 30.40	30.40	2004 100m: 1:05.50	35.10	1:05.50 451
47.	50m: 30.83	30.83	2004 100m: 1:05.61	34.78	1:05.61 449
48.	50m: 31.00	31.00	2005 100m: 1:05.67	34.67	1:05.67 448
49.	50m: 30.98	30.98	2004 100m: 1:06.00	35.02	1:06.00 441
50.	50m: 31.66	31.66	2005 100m: 1:06.53	34.87	1:06.53 430
51.	50m: 31.56	31.56	2003 100m: 1:07.22	35.66	1:07.22 417
	50m: 32.15	32.15	2005 100m: 1:07.22	35.07	1:07.22 417
53.	50m: 33.30	33.30	2004 100m: 1:09.96	36.66	1:09.96 370
54.	50m: 34.50	34.50	2004 100m: 1:11.43	36.93	1:11.43 348

, 16 - 19 2018

4, , 100m

EXH				/			R.T.	FINA	
	50m:	31.11	31.11	2004 I	100m:	1:04.37	33.26	1:04.37	475

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16.10.2018 - 11:08

, 100m

	48.90	-	22.12.2017
	48.90	-	22.12.2017

: FINA 2018

							R.T.	FINA
1.				2001			54.75	712
	50m:	26.53	26.53	100m:	54.75	28.22		
2.				1998			56.86	636
	50m:	27.23	27.23	100m:	56.86	29.63		
3.				2002			57.44	616
	50m:	27.61	27.61	100m:	57.44	29.83		
4.				1996			57.70	608
	50m:	28.42	28.42	100m:	57.70	29.28		
5.				1994			58.07	597
	50m:	28.21	28.21	100m:	58.07	29.86		
6.				1999			58.17	594
	50m:	28.04	28.04	100m:	58.17	30.13		
7.				2002			58.22	592
	50m:	27.96	27.96	100m:	58.22	30.26		
8.				2001			58.47	584
	50m:	27.92	27.92	100m:	58.47	30.55		
9.				2002			58.48	584
	50m:	28.21	28.21	100m:	58.48	30.27		
10.				1999			58.60	581
	50m:	28.19	28.19	100m:	58.60	30.41		
11.				1999			59.07	567
	50m:	28.19	28.19	100m:	59.07	30.88		
12.				2001			59.21	563
	50m:	29.32	29.32	100m:	59.21	29.89		
13.				2002			59.44	556
	50m:	28.87	28.87	100m:	59.44	30.57		
14.				1999			1:00.01	541
	50m:	29.15	29.15	100m:	1:00.01	30.86		
15.				2003			1:00.41	530
	50m:	29.29	29.29	100m:	1:00.41	31.12		
16.				2003			1:01.33 	506
	50m:	30.09	30.09	100m:	1:01.33	31.24		
17.				2003			1:01.48 	503
	50m:	29.92	29.92	100m:	1:01.48	31.56		
18.				2002			1:01.56 	501
	50m:	29.93	29.93	100m:	1:01.56	31.63		
19.				2003			1:01.60 	500
	50m:	29.55	29.55	100m:	1:01.60	32.05		

ALT-Timing

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, 16 - 19 2018

	5,	, 100m	,	/			R.T.	FINA
20.	50m:	30.42	30.42	2002	100m:	1:02.22	31.80	1:02.22 485
21.	50m:	30.16	30.16	2002	100m:	1:02.50	32.34	1:02.50 478
22.	50m:	30.07	30.07	2003	100m:	1:03.05	32.98	1:03.05 466
23.	50m:	30.67	30.67	2002	100m:	1:03.65	32.98	1:03.65 453
24.	50m:	31.65	31.65	2003	100m:	1:04.74	33.09	1:04.74 430
25.	50m:	31.74	31.74	2003	100m:	1:04.97	33.23	1:04.97 426
26.	50m:	31.67	31.67	2002	100m:	1:05.69	34.02	1:05.69 412
27.	50m:	32.00	32.00	2002	100m:	1:06.29	34.29	1:06.29 401
28.	50m:	32.53	32.53	2003	100m:	1:07.43	34.90	1:07.43 381
29.	50m:	32.95	32.95	2001	100m:	1:08.55	35.60	1:08.55 362
30.	50m:	33.64	33.64	2002	100m:	1:09.07	35.43	1:09.07 354

6
16.10.2018 - 11:14

, 200m

				2:01.57					(ISR)	04.12.2015			
				2:04.38					(QAT)	05.12.2014			
: FINA 2018													
				/					R.T.	FINA			
1.				2004						2:15.09		687	
	50m:	32.23	32.23	100m:	1:05.91	33.68	150m:	1:40.65	34.74	200m:	2:15.09	34.44	
2.				2000						2:17.65		649	
	50m:	30.95	30.95	100m:	1:04.53	33.58	150m:	1:40.33	35.80	200m:	2:17.65	37.32	
3.				1996						2:20.01		617	
	50m:	33.65	33.65	100m:	1:08.98	35.33	150m:	1:44.74	35.76	200m:	2:20.01	35.27	
4.				2002						2:20.44		611	
	50m:	32.84	32.84	100m:	1:08.48	35.64	150m:	1:45.07	36.59	200m:	2:20.44	35.37	
5.				2001						2:21.04		604	
	50m:	32.12	32.12	100m:	1:06.71	34.59	150m:	1:43.48	36.77	200m:	2:21.04	37.56	
6.				2002						2:22.49		585	
	50m:	32.38	32.38	100m:	1:07.30	34.92	150m:	1:44.50	37.20	200m:	2:22.49	37.99	
7.				2003						2:23.09		578	
	50m:	32.74	32.74	100m:	1:08.74	36.00	150m:	1:46.25	37.51	200m:	2:23.09	36.84	
8.				2002						2:25.13		554	
	50m:	34.15	34.15	100m:	1:11.35	37.20	150m:	1:48.17	36.82	200m:	2:25.13	36.96	
9.				2004						2:25.86		546	
	50m:	34.07	34.07	100m:	1:10.61	36.54	150m:	1:48.55	37.94	200m:	2:25.86	37.31	
10.				2005						2:26.83		535	
	50m:	34.79	34.79	100m:	1:11.66	36.87	150m:	1:48.68	37.02	200m:	2:26.83	38.15	
11.				2001						2:27.02		533	
	50m:	33.92	33.92	100m:	1:11.26	37.34	150m:	1:49.49	38.23	200m:	2:27.02	37.53	
12.				2004						2:29.75		504	
	50m:	35.31	35.31	100m:	1:13.30	37.99	150m:	1:51.86	38.56	200m:	2:29.75	37.89	
13.				2005						2:30.41		498	
	50m:	35.75	35.75	100m:	1:13.68	37.93	150m:	1:52.50	38.82	200m:	2:30.41	37.91	
14.				2003						2:30.54		496	
	50m:	34.73	34.73	100m:	1:12.66	37.93	150m:	1:52.27	39.61	200m:	2:30.54	38.27	
15.				2004						2:30.93		492	
	50m:	34.21	34.21	100m:	1:11.97	37.76	150m:	1:51.52	39.55	200m:	2:30.93	39.41	
16.				2002						2:31.09		491	
	50m:	35.22	35.22	100m:	1:13.07	37.85	150m:	1:52.09	39.02	200m:	2:31.09	39.00	
17.				2005						2:32.45		478	
	50m:	35.12	35.12	100m:	1:14.65	39.53	150m:	1:53.92	39.27	200m:	2:32.45	38.53	
18.				2002						2:33.50		468	
	50m:	34.21	34.21	100m:	1:12.44	38.23	150m:	1:53.09	40.65	200m:	2:33.50	40.41	
19.				2003						2:34.16		462	
	50m:	34.30	34.30	100m:	1:12.76	38.46	150m:	1:53.87	41.11	200m:	2:34.16	40.29	

ALT-Timing

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	6,	, 200m	,						R.T.		FINA
20.				2003						2:35.51	450
	50m:	35.80	35.80	100m:	1:14.75	38.95	150m:	1:56.04	41.29	200m:	2:35.51 39.47
21.				2004						2:37.11	437
	50m:	36.31	36.31	100m:	1:15.87	39.56	150m:	1:56.69	40.82	200m:	2:37.11 40.42
22.				2004						2:37.34	435
	50m:	35.84	35.84	100m:	1:14.54	38.70	150m:	1:55.56	41.02	200m:	2:37.34 41.78
23.				2004						2:39.84	415
	50m:	36.15	36.15	100m:	1:16.63	40.48	150m:	1:58.92	42.29	200m:	2:39.84 40.92

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7 , 100m
16.10.2018 - 11:26

				59.40			(ISR)	03.12.2015
				1:01.06				13.12.2015
: FINA 2018								
			/				R.T.	FINA
1.			1998				1:04.86	661
	50m:	29.66	29.66	100m:	1:04.86	35.20		
2.			2002				1:04.95	658
	50m:	29.27	29.27	100m:	1:04.95	35.68		
3.			2001				1:06.23	621
	50m:	30.17	30.17	100m:	1:06.23	36.06		
4.			1997				1:06.38	616
	50m:	31.08	31.08	100m:	1:06.38	35.30		
5.			2002				1:06.61	610
	50m:	30.91	30.91	100m:	1:06.61	35.70		
6.			2005				1:06.65	609
	50m:	30.83	30.83	100m:	1:06.65	35.82		
7.			2002				1:06.76	606
	50m:	30.49	30.49	100m:	1:06.76	36.27		
8.			2003				1:06.96	601
	50m:	31.45	31.45	100m:	1:06.96	35.51		
9.			2002				1:06.98	600
	50m:	30.33	30.33	100m:	1:06.98	36.65		
10.			2004				1:07.07	598
	50m:	30.46	30.46	100m:	1:07.07	36.61		
11.			2001				1:08.13	570
	50m:	30.51	30.51	100m:	1:08.13	37.62		
12.			2004				1:08.25	567
	50m:	31.44	31.44	100m:	1:08.25	36.81		
13.			2002				1:08.74	555
	50m:	32.27	32.27	100m:	1:08.74	36.47		
14.			2001				1:08.96	550
	50m:	31.94	31.94	100m:	1:08.96	37.02		
15.			2003				1:09.01	549
	50m:	32.66	32.66	100m:	1:09.01	36.35		
16.			2003				1:09.84	529
	50m:	32.05	32.05	100m:	1:09.84	37.79		
17.			2000				1:10.00	526
	50m:	32.19	32.19	100m:	1:10.00	37.81		
18.			2001				1:10.06	524
	50m:	33.11	33.11	100m:	1:10.06	36.95		
19.			2002				1:10.39	517
	50m:	32.89	32.89	100m:	1:10.39	37.50		

ALT-Timing

, 16 - 19 2018

	7,		, 100m				R.T.	FINA
20.				2005			1:10.42	516
	50m:	33.27	33.27	100m:	1:10.42	37.15		
21.				2002			1:10.52	514
	50m:	32.90	32.90	100m:	1:10.52	37.62		
22.				2004			1:10.53	514
	50m:	31.86	31.86	100m:	1:10.53	38.67		
23.				2003			1:11.19	500
	50m:	33.05	33.05	100m:	1:11.19	38.14		
24.				2003			1:11.22	499
	50m:	32.57	32.57	100m:	1:11.22	38.65		
25.				2005			1:11.32	497
	50m:	32.51	32.51	100m:	1:11.32	38.81		
26.				2003			1:11.35	496
	50m:	33.24	33.24	100m:	1:11.35	38.11		
27.				2003			1:11.39	495
	50m:	33.32	33.32	100m:	1:11.39	38.07		
28.				2002			1:11.50	493
	50m:	34.02	34.02	100m:	1:11.50	37.48		
29.				2004			1:12.09	481
	50m:	33.38	33.38	100m:	1:12.09	38.71		
30.				2004			1:12.16	480
	50m:	32.44	32.44	100m:	1:12.16	39.72		
31.				2005			1:12.28	477
	50m:	32.73	32.73	100m:	1:12.28	39.55		
32.				2003			1:12.29	477
	50m:	32.93	32.93	100m:	1:12.29	39.36		
33.				2002			1:12.48	473
	50m:	32.87	32.87	100m:	1:12.48	39.61		
34.				2004			1:12.50	473
	50m:	33.60	33.60	100m:	1:12.50	38.90		
35.				2003			1:12.58	471
	50m:	34.20	34.20	100m:	1:12.58	38.38		
36.				2002			1:12.77	468
	50m:	34.16	34.16	100m:	1:12.77	38.61		
37.				2004			1:12.86	466
	50m:	33.19	33.19	100m:	1:12.86	39.67		
38.				2005			1:12.90	465
	50m:	34.43	34.43	100m:	1:12.90	38.47		
39.				2004			1:13.02	463
	50m:	33.40	33.40	100m:	1:13.02	39.62		
40.				2002			1:13.08	462
	50m:	34.21	34.21	100m:	1:13.08	38.87		

ALT-Timing

7, , 100m ,						R.T.	FINA	
41.	50m:	33.26	33.26	2003	100m:	1:13.46	40.20	1:13.46 455
42.	50m:	34.49	34.49	2001	100m:	1:13.58	39.09	1:13.58 452
43.	50m:	34.08	34.08	2001	100m:	1:13.59	39.51	1:13.59 452
44.	50m:	34.46	34.46	2003	100m:	1:13.61	39.15	1:13.61 452
45.	50m:	34.03	34.03	2004	100m:	1:13.72	39.69	1:13.72 450
46.	50m:	34.50	34.50	2003	100m:	1:13.75	39.25	1:13.75 449
47.	50m:	34.42	34.42	2002	100m:	1:14.04	39.62	1:14.04 444
48.	50m:	34.34	34.34	2004	100m:	1:14.23	39.89	1:14.23 441
49.	50m:	33.56	33.56	2004	100m:	1:14.44	40.88	1:14.44 437
50.	50m:	34.00	34.00	2003	100m:	1:14.86	40.86	1:14.86 430
51.	50m:	36.67	36.67	2004	100m:	1:15.14	38.47	1:15.14 425
52.	50m:	34.75	34.75	2004	100m:	1:15.15	40.40	1:15.15 425
53.	50m:	36.04	36.04	2005	100m:	1:16.08	40.04	1:16.08 409
54.	50m:	35.86	35.86	2005	100m:	1:16.42	40.56	1:16.42 404
55.	50m:	36.82	36.82	2004	100m:	1:17.30	40.48	1:17.30 390
56.	50m:	36.72	36.72	2003	100m:	1:17.39	40.67	1:17.39 389
DSQ				2004				
DSQ				2004				

, 16 - 19 2018

7, , 100m

			/				R.T.	FINA
EXH			2004	I	-		1:08.67	557
	50m:	31.67	31.67	100m:	1:08.67	37.00		
EXH			2004		-		1:12.97	464
	50m:	32.13	32.13	100m:	1:12.97	40.84		
EXH			2004	I	-		1:17.57	386
	50m:	35.95	35.95	100m:	1:17.57	41.62		

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8 , 50m
16.10.2018 - 11:39

25.68
27.05

(DEN)

13.12.2017

: FINA 2018

	/	R.T.	FINA
1.	1998	29.30	640
2.	1995	29.56	623
3.	1997	29.60	620
4.	1993	29.62	619
5.	2001	29.67	616
6.	2001	29.80	608
7.	1995	29.91	601
8.	2001	30.20	584
9.	2001	30.33	576
10.	2002	30.36	575
11.	2003	30.42	571
12.	2002	30.43	571
13.	2002	30.71	555
14.	2002	31.02	539
15.	2001	31.25	527
16.	2002	31.68	506
17.	2002	31.81	500
18.	2002	31.96	493
19.	2003	32.11	486
20.	2003	32.17	483
21.	2003	32.18	483
22.	2002	32.19	482
23.	2001	32.41	472
24.	2003	32.51	468
25.	2001	32.69	460
26.	2002	32.85	454
27.	2002	33.53	427
28.	2001	33.70	420
29.	2003	33.73	419
30.	2002	35.13	371
31.	2003	37.12	314
DSQ	2002		

ALT-Timing

25

, 16 - 19 2018

8, , 50m

	/		R.T.	FINA
EXH	2003 I	-	32.15	484
EXH	2001 I	-	32.72	459

, 16 - 19 2018

9
16.10.2018 - 11:44

, 50m

29.08
30.93

(GER)

21.10.2013
09.11.2014

: FINA 2018

	/	R.T.	FINA
1.	2003	33.01	653
2.	1999	33.19	642
3.	2001	33.55	622
4.	2001	33.68	614
5.	1997	33.75	611
6.	2004	33.83	606
7.	1999	33.87	604
8.	2002	34.31	581
9.	1997	34.33	580
10.	1999	34.63	565
11.	2002	34.77	558
12.	2003	34.89	553
13.	2005	35.02	546
14.	2001	35.34	532
15.	2003	35.41	529
16.	2002	35.71	515
17.	2003	35.88	508
18.	2005	36.04	501
19.	1997	36.17	496
20.	2004	36.22	494
21.	2003	36.33	489
22.	2000	36.44	485
23.	2005	36.47	484
24.	2005	36.52	482
25.	2004	36.95	465
26.	2001	37.63	440
27.	2001	37.67	439
28.	2004	37.95	429
29.	2005	38.07	425
30.	2001	38.16	422
31.	2005	40.85	344

ALT-Timing

25

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, 16 - 19 2018

9, , 50m

EXH	,	/	2004	I	-	R.T.	35.17	I	FINA	540
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, 16 - 19 2018

10
16.10.2018 - 11:48

, 4 x 50m

2005

: FINA 2018

		/		R.T.	FINA
1.	1			1:39.25	706
		97	25.92	97	23.86
		01	23.58	02	25.89
2.				1:40.86	673
		02	23.99	02	26.20
		01	24.19	98	26.48
3.	2			1:41.05	669
		96	24.43	04	26.44
		99	23.59	02	26.59
4.				1:41.51	660
		02	23.92	02	27.11
		95	23.86	00	26.62
5.				1:42.40	643
		03	25.20	02	26.41
		02	25.24	00	25.55
6.				1:42.51	641
		01	24.19	05	26.49
		03	28.25	94	23.58
7.				1:43.11	629
		02	23.60	02	29.17
		02	28.34	01	22.00
8.				1:45.84	582
		01	25.37	02	26.90
		03	25.25	02	28.32
9.				1:45.95	580
		03	29.20	04	28.81
		02	23.89	03	24.05
10.				1:46.06	578
		02	24.84	03	27.71
		03	28.70	02	24.81

11
16.10.2018 - 12:03 , 1500m

			14:16.13							(FIN)	09.12.2006	
			14:40.26							-	17.12.2016	
: FINA 2018												
			/	R.T.						FINA		
1.			2002	16:07.69						673		
	50m:	29.94	29.94	400m:	4:14.20	1:04.11	800m:	8:32.24	1:04.84	1200m:	12:54.03	1:05.66
	100m:	1:01.75	31.81	500m:	5:17.96	1:03.76	900m:	9:37.58	1:05.34	1300m:	13:59.35	1:05.32
	200m:	2:06.35	1:04.60	600m:	6:22.65	1:04.69	1000m:	10:43.20	1:05.62	1400m:	15:04.68	1:05.33
	300m:	3:10.09	1:03.74	700m:	7:27.40	1:04.75	1100m:	11:48.37	1:05.17	1500m:	16:07.69	1:03.01
2.			1998	16:14.96						658		
	50m:	30.68	30.68	400m:	4:14.79	1:03.43	800m:	8:35.30	1:05.50	1200m:	13:00.13	1:06.44
	100m:	1:02.90	32.22	500m:	5:19.20	1:04.41	900m:	9:41.58	1:06.28	1300m:	14:06.51	1:06.38
	200m:	2:07.38	1:04.48	600m:	6:24.33	1:05.13	1000m:	10:47.55	1:05.97	1400m:	15:12.23	1:05.72
	300m:	3:11.36	1:03.98	700m:	7:29.80	1:05.47	1100m:	11:53.69	1:06.14	1500m:	16:14.96	1:02.73
3.			2001	16:15.74						656		
	50m:	29.11	29.11	400m:	4:13.09	1:04.33	800m:	8:34.49	1:05.38	1200m:	12:58.52	1:06.14
	100m:	1:00.63	31.52	500m:	5:18.06	1:04.97	900m:	9:40.43	1:05.94	1300m:	14:05.78	1:07.26
	200m:	2:04.52	1:03.89	600m:	6:23.18	1:05.12	1000m:	10:46.98	1:06.55	1400m:	15:11.71	1:05.93
	300m:	3:08.76	1:04.24	700m:	7:29.11	1:05.93	1100m:	11:52.38	1:05.40	1500m:	16:15.74	1:04.03
4.			1998	16:16.34						655		
	50m:	30.14	30.14	400m:	4:17.87	1:05.10	800m:	8:37.40	1:05.08	1200m:	13:00.07	1:06.35
	100m:	1:02.06	31.92	500m:	5:22.64	1:04.77	900m:	9:42.79	1:05.39	1300m:	14:05.66	1:05.59
	200m:	2:07.21	1:05.15	600m:	6:27.42	1:04.78	1000m:	10:48.29	1:05.50	1400m:	15:12.02	1:06.36
	300m:	3:12.77	1:05.56	700m:	7:32.32	1:04.90	1100m:	11:53.72	1:05.43	1500m:	16:16.34	1:04.32
5.			2001	16:20.22						647		
	50m:	28.11	28.11	400m:	4:14.73	1:05.39	800m:	8:37.95	1:05.81	1200m:	13:02.14	1:06.43
	100m:	59.44	31.33	500m:	5:20.11	1:05.38	900m:	9:43.63	1:05.68	1300m:	14:09.67	1:07.53
	200m:	2:04.22	1:04.78	600m:	6:26.01	1:05.90	1000m:	10:50.11	1:06.48	1400m:	15:16.15	1:06.48
	300m:	3:09.34	1:05.12	700m:	7:32.14	1:06.13	1100m:	11:55.71	1:05.60	1500m:	16:20.22	1:04.07
6.			1991	16:28.21						632		
	50m:	29.78	29.78	400m:	4:17.10	1:05.25	800m:	8:38.48	1:05.39	1200m:	13:09.16	1:07.40
	100m:	1:01.56	31.78	500m:	5:22.93	1:05.83	900m:	9:45.48	1:07.00	1300m:	14:16.69	1:07.53
	200m:	2:06.59	1:05.03	600m:	6:27.91	1:04.98	1000m:	10:53.32	1:07.84	1400m:	15:24.12	1:07.43
	300m:	3:11.85	1:05.26	700m:	7:33.09	1:05.18	1100m:	12:01.76	1:08.44	1500m:	16:28.21	1:04.09
7.			2002	16:31.20						626		
	50m:	29.61	29.61	400m:	4:18.81	1:05.82	800m:	8:45.08	1:06.78	1200m:	13:12.44	1:06.85
	100m:	1:01.90	32.29	500m:	5:24.89	1:06.08	900m:	9:51.80	1:06.72	1300m:	14:19.31	1:06.87
	200m:	2:07.53	1:05.63	600m:	6:31.52	1:06.63	1000m:	10:58.52	1:06.72	1400m:	15:25.83	1:06.52
	300m:	3:12.99	1:05.46	700m:	7:38.30	1:06.78	1100m:	12:05.59	1:07.07	1500m:	16:31.20	1:05.37
8.			1997	16:32.94						623		
	50m:	30.39	30.39	400m:	4:19.14	1:05.57	800m:	8:44.39	1:07.10	1200m:	13:13.36	1:07.36
	100m:	1:02.76	32.37	500m:	5:24.77	1:05.63	900m:	9:51.48	1:07.09	1300m:	14:20.93	1:07.57
	200m:	2:08.21	1:05.45	600m:	6:30.60	1:05.83	1000m:	10:58.64	1:07.16	1400m:	15:28.08	1:07.15
	300m:	3:13.57	1:05.36	700m:	7:37.29	1:06.69	1100m:	12:06.00	1:07.36	1500m:	16:32.94	1:04.86
9.			2003	16:33.36						622		
	50m:	29.67	29.67	400m:	4:20.06	1:06.62	800m:	8:45.80	1:06.46	1200m:	13:13.25	1:06.89
	100m:	1:01.45	31.78	500m:	5:26.77	1:06.71	900m:	9:52.42	1:06.62	1300m:	14:20.42	1:07.17
	200m:	2:06.90	1:05.45	600m:	6:32.99	1:06.22	1000m:	10:59.20	1:06.78	1400m:	15:27.70	1:07.28
	300m:	3:13.44	1:06.54	700m:	7:39.34	1:06.35	1100m:	12:06.36	1:07.16	1500m:	16:33.36	1:05.66

11, , 1500m												R.T.	FINA
10.			2000									16:34.42	620
	50m:	29.64	29.64	400m:	4:18.40	1:06.37	800m:	8:47.00	1:07.37	1200m:	13:18.51	1:08.01	
	100m:	1:01.43	31.79	500m:	5:25.22	1:06.82	900m:	9:54.75	1:07.75	1300m:	14:25.41	1:06.90	
	200m:	2:06.17	1:04.74	600m:	6:32.68	1:07.46	1000m:	11:02.41	1:07.66	1400m:	15:31.59	1:06.18	
	300m:	3:12.03	1:05.86	700m:	7:39.63	1:06.95	1100m:	12:10.50	1:08.09	1500m:	16:34.42	1:02.83	
11.			2003									16:36.41	616
	50m:	29.05	29.05	400m:	4:18.18	1:06.55	800m:	8:45.59	1:07.23	1200m:	13:15.67	1:07.57	
	100m:	1:00.65	31.60	500m:	5:25.13	1:06.95	900m:	9:52.80	1:07.21	1300m:	14:23.70	1:08.03	
	200m:	2:05.76	1:05.11	600m:	6:32.03	1:06.90	1000m:	11:00.12	1:07.32	1400m:	15:30.78	1:07.08	
	300m:	3:11.63	1:05.87	700m:	7:38.36	1:06.33	1100m:	12:08.10	1:07.98	1500m:	16:36.41	1:05.63	
12.			2003									16:45.89	599
	50m:	29.87	29.87	400m:	4:24.77	1:08.01	800m:	8:56.43	1:07.80	1200m:	13:26.20	1:07.42	
	100m:	1:02.49	32.62	500m:	5:32.77	1:08.00	900m:	10:04.11	1:07.68	1300m:	14:33.67	1:07.47	
	200m:	2:09.37	1:06.88	600m:	6:40.79	1:08.02	1000m:	11:11.63	1:07.52	1400m:	15:40.96	1:07.29	
	300m:	3:16.76	1:07.39	700m:	7:48.63	1:07.84	1100m:	12:18.78	1:07.15	1500m:	16:45.89	1:04.93	
13.			2002									16:50.65	590
	50m:	29.54	29.54	400m:	4:19.96	1:07.36	800m:	8:54.75	1:08.11	1200m:	13:29.45	1:08.62	
	100m:	1:01.95	32.41	500m:	5:29.09	1:09.13	900m:	10:03.38	1:08.63	1300m:	14:37.45	1:08.00	
	200m:	2:07.03	1:05.08	600m:	6:37.56	1:08.47	1000m:	11:12.43	1:09.05	1400m:	15:46.12	1:08.67	
	300m:	3:12.60	1:05.57	700m:	7:46.64	1:09.08	1100m:	12:20.83	1:08.40	1500m:	16:50.65	1:04.53	
14.			2003									16:55.13	583
	50m:	30.64	30.64	400m:	4:26.02	1:06.76	800m:	8:58.42	1:06.87	1200m:	13:32.57	1:09.66	
	100m:	1:04.78	34.14	500m:	5:33.41	1:07.39	900m:	10:06.26	1:07.84	1300m:	14:39.77	1:07.20	
	200m:	2:12.53	1:07.75	600m:	6:42.23	1:08.82	1000m:	11:15.49	1:09.23	1400m:	15:48.28	1:08.51	
	300m:	3:19.26	1:06.73	700m:	7:51.55	1:09.32	1100m:	12:22.91	1:07.42	1500m:	16:55.13	1:06.85	
15.			2002									16:58.08	578
	50m:	30.16	30.16	400m:	4:21.27	1:06.55	800m:	8:53.07	1:08.18	1200m:	13:31.02	1:10.06	
	100m:	1:02.67	32.51	500m:	5:28.97	1:07.70	900m:	10:01.41	1:08.34	1300m:	14:41.06	1:10.04	
	200m:	2:08.37	1:05.70	600m:	6:36.37	1:07.40	1000m:	11:10.94	1:09.53	1400m:	15:50.71	1:09.65	
	300m:	3:14.72	1:06.35	700m:	7:44.89	1:08.52	1100m:	12:20.96	1:10.02	1500m:	16:58.08	1:07.37	
16.			2002									16:58.43	577
	50m:	29.87	29.87	400m:	4:23.76	1:07.35	800m:	8:59.07	1:09.14	1200m:	13:34.78	1:08.75	
	100m:	1:02.30	32.43	500m:	5:32.63	1:08.87	900m:	10:07.92	1:08.85	1300m:	14:43.74	1:08.96	
	200m:	2:08.97	1:06.67	600m:	6:41.81	1:09.18	1000m:	11:16.83	1:08.91	1400m:	15:52.19	1:08.45	
	300m:	3:16.41	1:07.44	700m:	7:49.93	1:08.12	1100m:	12:26.03	1:09.20	1500m:	16:58.43	1:06.24	
17.			2003 I									17:05.76	565
	50m:	29.07	29.07	400m:	4:25.37	1:09.00	800m:	9:01.35	1:08.64	1200m:	13:40.60	1:10.77	
	100m:	1:01.11	32.04	500m:	5:34.36	1:08.99	900m:	10:11.35	1:10.00	1300m:	14:50.18	1:09.58	
	200m:	2:08.42	1:07.31	600m:	6:43.22	1:08.86	1000m:	11:20.71	1:09.36	1400m:	15:59.18	1:09.00	
	300m:	3:16.37	1:07.95	700m:	7:52.71	1:09.49	1100m:	12:29.83	1:09.12	1500m:	17:05.76	1:06.58	
18.			2003 I									17:07.92	561
	50m:	29.29	29.29	400m:	4:23.10	1:08.00	800m:	9:01.19	1:09.99	1200m:	13:40.55	1:09.80	
	100m:	1:01.17	31.88	500m:	5:32.18	1:09.08	900m:	10:10.94	1:09.75	1300m:	14:50.71	1:10.16	
	200m:	2:07.66	1:06.49	600m:	6:41.92	1:09.74	1000m:	11:20.69	1:09.75	1400m:	16:01.07	1:10.36	
	300m:	3:15.10	1:07.44	700m:	7:51.20	1:09.28	1100m:	12:30.75	1:10.06	1500m:	17:07.92	1:06.85	
19.			2001 I									17:08.52	560
	50m:	31.71	31.71	400m:	4:30.96	1:08.48	800m:	9:06.01	1:09.52	1200m:	13:44.14	1:09.46	
	100m:	1:05.81	34.10	500m:	5:39.30	1:08.34	900m:	10:15.61	1:09.60	1300m:	14:54.17	1:10.03	
	200m:	2:14.86	1:09.05	600m:	6:47.39	1:08.09	1000m:	11:24.83	1:09.22	1400m:	16:02.14	1:07.97	
	300m:	3:22.48	1:07.62	700m:	7:56.49	1:09.10	1100m:	12:34.68	1:09.85	1500m:	17:08.52	1:06.38	

	11,	, 1500m						R.T.		FINA
20.			2003	I				17:10.13		557
	50m:	28.60 28.60	400m:	4:25.89 1:08.23	800m:	9:03.82 1:09.84	1200m:	13:42.34 1:09.52		
	100m:	1:01.54 32.94	500m:	5:34.54 1:08.65	900m:	10:14.02 1:10.20	1300m:	14:51.99 1:09.65		
	200m:	2:09.02 1:07.48	600m:	6:43.88 1:09.34	1000m:	11:23.89 1:09.87	1400m:	16:02.44 1:10.45		
	300m:	3:17.66 1:08.64	700m:	7:53.98 1:10.10	1100m:	12:32.82 1:08.93	1500m:	17:10.13 1:07.69		
21.			2002					17:12.16		554
	50m:	28.95 28.95	400m:	4:23.84 1:08.15	800m:	9:02.35 1:09.81	1200m:	13:43.02 1:10.30		
	100m:	1:01.05 32.10	500m:	5:32.93 1:09.09	900m:	10:12.45 1:10.10	1300m:	14:53.81 1:10.79		
	200m:	2:07.53 1:06.48	600m:	6:42.72 1:09.79	1000m:	11:22.26 1:09.81	1400m:	16:04.01 1:10.20		
	300m:	3:15.69 1:08.16	700m:	7:52.54 1:09.82	1100m:	12:32.72 1:10.46	1500m:	17:12.16 1:08.15		
22.			2001					17:12.79		553
	50m:	29.57 29.57	400m:	4:28.20 1:09.31	800m:	9:07.18 1:09.98	1200m:	13:45.91 1:10.55		
	100m:	1:01.85 32.28	500m:	5:37.40 1:09.20	900m:	10:16.32 1:09.14	1300m:	14:55.20 1:09.29		
	200m:	2:10.00 1:08.15	600m:	6:46.86 1:09.46	1000m:	11:26.38 1:10.06	1400m:	16:05.65 1:10.45		
	300m:	3:18.89 1:08.89	700m:	7:57.20 1:10.34	1100m:	12:35.36 1:08.98	1500m:	17:12.79 1:07.14		
23.			2003					17:13.46		552
	50m:	30.91 30.91	400m:	4:32.71 1:09.73	800m:	9:07.32 1:08.19	1200m:	13:43.16 1:09.32		
	100m:	1:04.70 33.79	500m:	5:42.21 1:09.50	900m:	10:16.17 1:08.85	1300m:	14:52.53 1:09.37		
	200m:	2:13.92 1:09.22	600m:	6:50.90 1:08.69	1000m:	11:25.45 1:09.28	1400m:	16:01.61 1:09.08		
	300m:	3:22.98 1:09.06	700m:	7:59.13 1:08.23	1100m:	12:33.84 1:08.39	1500m:	17:13.46 1:11.85		
24.			2003	I				17:14.62		550
	50m:	31.29 31.29	400m:	4:30.59 1:08.78	800m:	9:06.63 1:08.92	1200m:	13:45.65 1:09.90		
	100m:	1:04.83 33.54	500m:	5:39.50 1:08.91	900m:	10:16.04 1:09.41	1300m:	14:55.20 1:09.55		
	200m:	2:13.48 1:08.65	600m:	6:48.43 1:08.93	1000m:	11:25.80 1:09.76	1400m:	16:05.93 1:10.73		
	300m:	3:21.81 1:08.33	700m:	7:57.71 1:09.28	1100m:	12:35.75 1:09.95	1500m:	17:14.62 1:08.69		
25.			2003					17:14.76		550
	50m:	29.97 29.97	400m:	4:27.05 1:08.62	800m:	9:05.70 1:09.98	1200m:	13:47.11 1:10.81		
	100m:	1:02.80 32.83	500m:	5:36.47 1:09.42	900m:	10:15.64 1:09.94	1300m:	14:58.07 1:10.96		
	200m:	2:10.17 1:07.37	600m:	6:45.96 1:09.49	1000m:	11:25.68 1:10.04	1400m:	16:07.65 1:09.58		
	300m:	3:18.43 1:08.26	700m:	7:55.72 1:09.76	1100m:	12:36.30 1:10.62	1500m:	17:14.76 1:07.11		
26.			2003					17:19.40	I	543
	50m:	29.62 29.62	400m:	4:28.64 1:08.81	800m:	9:07.57 1:09.68	1200m:	13:48.26 1:10.34		
	100m:	1:02.35 32.73	500m:	5:38.20 1:09.56	900m:	10:17.30 1:09.73	1300m:	14:58.97 1:10.71		
	200m:	2:10.87 1:08.52	600m:	6:48.31 1:10.11	1000m:	11:27.60 1:10.30	1400m:	16:09.65 1:10.68		
	300m:	3:19.83 1:08.96	700m:	7:57.89 1:09.58	1100m:	12:37.92 1:10.32	1500m:	17:19.40 1:09.75		
27.			2001	I				17:23.23	I	537
	50m:	28.71 28.71	400m:	4:26.54 1:09.20	800m:	9:07.60 1:11.46	1200m:	13:51.39 1:11.12		
	100m:	1:00.89 32.18	500m:	5:35.87 1:09.33	900m:	10:18.29 1:10.69	1300m:	15:02.16 1:10.77		
	200m:	2:09.01 1:08.12	600m:	6:45.84 1:09.97	1000m:	11:29.37 1:11.08	1400m:	16:13.33 1:11.17		
	300m:	3:17.34 1:08.33	700m:	7:56.14 1:10.30	1100m:	12:40.27 1:10.90	1500m:	17:23.23 1:09.90		
28.			2002					17:25.71	I	533
	50m:	29.61 29.61	400m:	4:28.10 1:09.73	800m:	9:09.42 1:10.51	1200m:	13:53.93 1:11.29		
	100m:	1:01.92 32.31	500m:	5:38.35 1:10.25	900m:	10:20.26 1:10.84	1300m:	15:05.10 1:11.17		
	200m:	2:09.55 1:07.63	600m:	6:48.25 1:09.90	1000m:	11:31.51 1:11.25	1400m:	16:15.84 1:10.74		
	300m:	3:18.37 1:08.82	700m:	7:58.91 1:10.66	1100m:	12:42.64 1:11.13	1500m:	17:25.71 1:09.87		
29.			2002	I				17:35.63	I	518
	50m:	29.33 29.33	400m:	4:28.12 1:10.11	800m:	9:11.79 1:11.19	1200m:	14:00.15 1:12.43		
	100m:	1:01.90 32.57	500m:	5:38.82 1:10.70	900m:	10:23.39 1:11.60	1300m:	15:12.74 1:12.59		
	200m:	2:09.48 1:07.58	600m:	6:49.51 1:10.69	1000m:	11:35.50 1:12.11	1400m:	16:25.24 1:12.50		
	300m:	3:18.01 1:08.53	700m:	8:00.60 1:11.09	1100m:	12:47.72 1:12.22	1500m:	17:35.63 1:10.39		

		11, , 1500m						R.T.			FINA	
30.				2003				17:38.24	I		514	
	50m:	31.09	31.09	400m:	4:36.05	1:10.39	800m:	9:20.25	1:11.94	1200m:	14:09.04	1:12.03
	100m:	1:05.32	34.23	500m:	5:46.87	1:10.82	900m:	10:32.67	1:12.42	1300m:	15:20.87	1:11.83
	200m:	2:15.28	1:09.96	600m:	6:57.34	1:10.47	1000m:	11:45.32	1:12.65	1400m:	16:31.97	1:11.10
	300m:	3:25.66	1:10.38	700m:	8:08.31	1:10.97	1100m:	12:57.01	1:11.69	1500m:	17:38.24	1:06.27
31.				2003	I			17:40.41	I		511	
	50m:	30.54	30.54	400m:	4:36.43	1:10.23	800m:	9:23.80	1:12.37	1200m:	14:11.40	1:12.39
	100m:	1:05.45	34.91	500m:	5:47.62	1:11.19	900m:	10:35.72	1:11.92	1300m:	15:22.62	1:11.22
	200m:	2:16.13	1:10.68	600m:	6:59.50	1:11.88	1000m:	11:48.15	1:12.43	1400m:	16:32.54	1:09.92
	300m:	3:26.20	1:10.07	700m:	8:11.43	1:11.93	1100m:	12:59.01	1:10.86	1500m:	17:40.41	1:07.87
32.				2003	I			17:45.99	I		503	
	50m:	30.88	30.88	400m:	4:38.23	1:12.11	800m:	9:26.47	1:11.94	1200m:	14:13.62	1:12.42
	100m:	1:05.18	34.30	500m:	5:50.25	1:12.02	900m:	10:37.80	1:11.33	1300m:	15:25.46	1:11.84
	200m:	2:15.42	1:10.24	600m:	7:02.24	1:11.99	1000m:	11:49.54	1:11.74	1400m:	16:36.80	1:11.34
	300m:	3:26.12	1:10.70	700m:	8:14.53	1:12.29	1100m:	13:01.20	1:11.66	1500m:	17:45.99	1:09.19
33.				2003				17:46.17	I		503	
	50m:	28.82	28.82	400m:	4:30.07	1:11.12	800m:	9:20.61	1:13.72	1200m:	14:11.25	1:12.54
	100m:	1:01.30	32.48	500m:	5:42.40	1:12.33	900m:	10:34.08	1:13.47	1300m:	15:24.52	1:13.27
	200m:	2:09.38	1:08.08	600m:	6:53.90	1:11.50	1000m:	11:45.53	1:11.45	1400m:	16:36.96	1:12.44
	300m:	3:18.95	1:09.57	700m:	8:06.89	1:12.99	1100m:	12:58.71	1:13.18	1500m:	17:46.17	1:09.21
34.				2002	I			17:51.80	I		495	
	50m:	29.67	29.67	400m:	4:31.62	1:10.34	800m:	9:20.16	1:12.45	1200m:	14:14.27	1:13.97
	100m:	1:02.88	33.21	500m:	5:42.71	1:11.09	900m:	10:32.98	1:12.82	1300m:	15:28.71	1:14.44
	200m:	2:11.81	1:08.93	600m:	6:54.62	1:11.91	1000m:	11:46.64	1:13.66	1400m:	16:41.44	1:12.73
	300m:	3:21.28	1:09.47	700m:	8:07.71	1:13.09	1100m:	13:00.30	1:13.66	1500m:	17:51.80	1:10.36
35.				2001				18:03.98	I		478	
	50m:	30.08	30.08	400m:	4:37.09	1:12.65	800m:	9:31.54	1:13.71	1200m:	14:24.13	1:14.05
	100m:	1:03.20	33.12	500m:	5:51.23	1:14.14	900m:	10:44.04	1:12.50	1300m:	15:38.36	1:14.23
	200m:	2:13.17	1:09.97	600m:	7:04.33	1:13.10	1000m:	11:57.46	1:13.42	1400m:	16:52.03	1:13.67
	300m:	3:24.44	1:11.27	700m:	8:17.83	1:13.50	1100m:	13:10.08	1:12.62	1500m:	18:03.98	1:11.95
36.				2002	I			18:07.74	I		473	
	50m:	30.59	30.59	400m:	4:43.10	1:12.84	800m:	9:37.83	1:13.64	1200m:	14:33.14	1:12.49
	100m:	1:05.58	34.99	500m:	5:57.34	1:14.24	900m:	10:51.57	1:13.74	1300m:	15:45.46	1:12.32
	200m:	2:17.57	1:11.99	600m:	7:10.33	1:12.99	1000m:	12:06.18	1:14.61	1400m:	16:57.74	1:12.28
	300m:	3:30.26	1:12.69	700m:	8:24.19	1:13.86	1100m:	13:20.65	1:14.47	1500m:	18:07.74	1:10.00
37.				2002	I			18:12.75	I		467	
	50m:	31.23	31.23	400m:	4:42.15	1:13.67	800m:	9:37.86	1:14.89	1200m:	14:35.85	1:11.64
	100m:	1:05.29	34.06	500m:	5:55.94	1:13.79	900m:	10:53.48	1:15.62	1300m:	15:50.94	1:15.09
	200m:	2:16.37	1:11.08	600m:	7:09.04	1:13.10	1000m:	12:08.92	1:15.44	1400m:	17:04.73	1:13.79
	300m:	3:28.48	1:12.11	700m:	8:22.97	1:13.93	1100m:	13:24.21	1:15.29	1500m:	18:12.75	1:08.02
38.				2001	I			18:44.06			429	
	50m:	31.00	31.00	400m:	4:35.72	1:11.39	800m:	9:33.07	1:17.57	1200m:	14:51.61	1:20.25
	100m:	1:04.67	33.67	500m:	5:48.90	1:13.18	900m:	10:53.41	1:20.34	1300m:	16:10.18	1:18.57
	200m:	2:14.21	1:09.54	600m:	7:02.35	1:13.45	1000m:	12:12.50	1:19.09	1400m:	17:28.36	1:18.18
	300m:	3:24.33	1:10.12	700m:	8:15.50	1:13.15	1100m:	13:31.36	1:18.86	1500m:	18:44.06	1:15.70
DNS				2003	I							

, 16 - 19 2018

11, , 1500m

EXH			/					R.T.			FINA	
			2003		-				17:28.49		529	
	50m:	29.79	29.79	400m:	4:27.88	1:09.09	800m:	9:10.21	1:10.67	1200m:	13:54.85	1:11.01
	100m:	1:02.78	32.99	500m:	5:37.91	1:10.03	900m:	10:21.53	1:11.32	1300m:	15:06.29	1:11.44
	200m:	2:10.01	1:07.23	600m:	6:48.34	1:10.43	1000m:	11:31.72	1:10.19	1400m:	16:18.03	1:11.74
	300m:	3:18.79	1:08.78	700m:	7:59.54	1:11.20	1100m:	12:43.84	1:12.12	1500m:	17:28.49	1:10.46

, 16 - 19 2018

12
17.10.2018 - 10:06

, 400m

				3:35.30				(CAN)				06.12.2016	
				3:41.14								20.11.2017	
: FINA 2018													
				/				R.T.				FINA	
1.				2002				3:59.45				696	
	50m:	28.81	28.81	150m:	1:29.12	30.05	250m:	2:29.12	30.03	350m:	3:29.85	30.46	
	100m:	59.07	30.26	200m:	1:59.09	29.97	300m:	2:59.39	30.27	400m:	3:59.45	29.60	
2.				1998				4:01.16				681	
	50m:	27.83	27.83	150m:	1:26.87	29.69	250m:	2:28.41	30.86	350m:	3:31.11	31.37	
	100m:	57.18	29.35	200m:	1:57.55	30.68	300m:	2:59.74	31.33	400m:	4:01.16	30.05	
3.				2000				4:06.89				635	
	50m:	28.59	28.59	150m:	1:30.56	30.92	250m:	2:31.95	30.72	350m:	3:35.48	32.11	
	100m:	59.64	31.05	200m:	2:01.23	30.67	300m:	3:03.37	31.42	400m:	4:06.89	31.41	
4.				2001				4:08.00				626	
	50m:	28.00	28.00	150m:	1:29.12	31.06	250m:	2:32.50	31.94	350m:	3:36.94	32.11	
	100m:	58.06	30.06	200m:	2:00.56	31.44	300m:	3:04.83	32.33	400m:	4:08.00	31.06	
5.				2001				4:10.47				608	
	50m:	27.69	27.69	150m:	1:30.02	31.66	250m:	2:34.55	32.38	350m:	3:39.09	32.04	
	100m:	58.36	30.67	200m:	2:02.17	32.15	300m:	3:07.05	32.50	400m:	4:10.47	31.38	
6.				2002				4:11.96				597	
	50m:	27.55	27.55	150m:	1:30.16	31.83	250m:	2:35.26	32.73	350m:	3:40.86	32.86	
	100m:	58.33	30.78	200m:	2:02.53	32.37	300m:	3:08.00	32.74	400m:	4:11.96	31.10	
7.				2002				4:12.07				597	
	50m:	28.10	28.10	150m:	1:31.06	31.60	250m:	2:34.84	32.33	350m:	3:39.53	31.88	
	100m:	59.46	31.36	200m:	2:02.51	31.45	300m:	3:07.65	32.81	400m:	4:12.07	32.54	
8.				2002				4:13.41				587	
	50m:	28.23	28.23	150m:	1:31.01	32.16	250m:	2:36.28	32.53	350m:	3:42.19	33.04	
	100m:	58.85	30.62	200m:	2:03.75	32.74	300m:	3:09.15	32.87	400m:	4:13.41	31.22	
9.				2003				4:14.52				579	
	50m:	27.92	27.92	150m:	1:31.54	32.17	250m:	2:37.63	33.00	350m:	3:43.71	33.04	
	100m:	59.37	31.45	200m:	2:04.63	33.09	300m:	3:10.67	33.04	400m:	4:14.52	30.81	
10.				2003				4:16.04				569	
	50m:	28.61	28.61	150m:	1:32.09	32.11	250m:	2:38.15	33.17	350m:	3:44.41	32.90	
	100m:	59.98	31.37	200m:	2:04.98	32.89	300m:	3:11.51	33.36	400m:	4:16.04	31.63	
11.				2002				4:16.93				563	
	50m:	28.98	28.98	150m:	1:33.17	32.27	250m:	2:38.98	32.89	350m:	3:44.90	32.91	
	100m:	1:00.90	31.92	200m:	2:06.09	32.92	300m:	3:11.99	33.01	400m:	4:16.93	32.03	
12.				2003				4:17.21				561	
	50m:	29.04	29.04	150m:	1:31.59	31.68	250m:	2:37.07	33.07	350m:	3:44.33	33.86	
	100m:	59.91	30.87	200m:	2:04.00	32.41	300m:	3:10.47	33.40	400m:	4:17.21	32.88	
13.				2003				4:17.22				561	
	50m:	28.59	28.59	150m:	1:31.46	31.86	250m:	2:37.66	33.26	350m:	3:44.67	33.64	
	100m:	59.60	31.01	200m:	2:04.40	32.94	300m:	3:11.03	33.37	400m:	4:17.22	32.55	
14.				2003				4:17.52				559	
	50m:	28.78	28.78	150m:	1:32.79	32.30	250m:	2:39.07	33.18	350m:	3:45.58	33.25	
	100m:	1:00.49	31.71	200m:	2:05.89	33.10	300m:	3:12.33	33.26	400m:	4:17.52	31.94	

ALT-Timing

	12,	, 400m							R.T.		FINA	
15.				2002						4:17.55	559	
	50m:	28.54	28.54	150m:	1:32.66	32.60	250m:	2:39.09	33.34	350m:	3:45.93	33.43
	100m:	1:00.06	31.52	200m:	2:05.75	33.09	300m:	3:12.50	33.41	400m:	4:17.55	31.62
16.				1998						4:18.11	556	
	50m:	29.02	29.02	150m:	1:31.06	31.24	250m:	2:36.03	33.38	350m:	3:44.79	33.74
	100m:	59.82	30.80	200m:	2:02.65	31.59	300m:	3:11.05	35.02	400m:	4:18.11	33.32
17.				2001						4:18.47	553	
	50m:	29.46	29.46	150m:	1:33.93	32.73	250m:	2:40.89	33.49	350m:	3:48.20	33.74
	100m:	1:01.20	31.74	200m:	2:07.40	33.47	300m:	3:14.46	33.57	400m:	4:18.47	30.27
18.				2003						4:18.74	552	
	50m:	28.07	28.07	150m:	1:31.81	32.67	250m:	2:38.30	33.33	350m:	3:46.20	34.09
	100m:	59.14	31.07	200m:	2:04.97	33.16	300m:	3:12.11	33.81	400m:	4:18.74	32.54
19.				2003						4:18.99	550	
	50m:	27.96	27.96	150m:	1:33.20	33.47	250m:	2:40.04	33.42	350m:	3:47.00	33.47
	100m:	59.73	31.77	200m:	2:06.62	33.42	300m:	3:13.53	33.49	400m:	4:18.99	31.99
20.				2003						4:20.20	542	
	50m:	28.35	28.35	150m:	1:33.24	33.02	250m:	2:39.50	33.12	350m:	3:47.97	33.79
	100m:	1:00.22	31.87	200m:	2:06.38	33.14	300m:	3:14.18	34.68	400m:	4:20.20	32.23
21.				2002						4:21.04	537	
	50m:	29.24	29.24	150m:	1:33.83	32.77	250m:	2:39.36	32.50	350m:	3:47.24	34.51
	100m:	1:01.06	31.82	200m:	2:06.86	33.03	300m:	3:12.73	33.37	400m:	4:21.04	33.80
22.				2003						4:21.92	532	
	50m:	29.13	29.13	150m:	1:33.87	33.16	250m:	2:42.46	34.03	350m:	3:50.49	34.07
	100m:	1:00.71	31.58	200m:	2:08.43	34.56	300m:	3:16.42	33.96	400m:	4:21.92	31.43
23.				2002						4:22.04	531	
	50m:	30.19	30.19	150m:	1:35.79	33.19	250m:	2:42.75	33.18	350m:	3:50.43	33.54
	100m:	1:02.60	32.41	200m:	2:09.57	33.78	300m:	3:16.89	34.14	400m:	4:22.04	31.61
24.				2003						4:22.37	529	
	50m:	29.28	29.28	150m:	1:34.10	32.97	250m:	2:41.74	33.97	350m:	3:49.86	34.03
	100m:	1:01.13	31.85	200m:	2:07.77	33.67	300m:	3:15.83	34.09	400m:	4:22.37	32.51
25.				2001						4:22.59	528	
	50m:	28.23	28.23	150m:	1:33.23	33.21	250m:	2:40.96	34.15	350m:	3:49.25	33.73
	100m:	1:00.02	31.79	200m:	2:06.81	33.58	300m:	3:15.52	34.56	400m:	4:22.59	33.34
26.				2002						4:22.63	527	
	50m:	28.00	28.00	150m:	1:32.03	32.48	250m:	2:39.90	34.02	350m:	3:49.00	34.87
	100m:	59.55	31.55	200m:	2:05.88	33.85	300m:	3:14.13	34.23	400m:	4:22.63	33.63
27.				2002						4:22.85	526	
	50m:	27.44	27.44	150m:	1:30.53	32.18	250m:	2:37.29	33.65	350m:	3:47.42	35.68
	100m:	58.35	30.91	200m:	2:03.64	33.11	300m:	3:11.74	34.45	400m:	4:22.85	35.43
28.				2001						4:22.95	525	
	50m:	29.69	29.69	150m:	1:33.96	32.64	250m:	2:40.55	33.22	350m:	3:49.52	34.68
	100m:	1:01.32	31.63	200m:	2:07.33	33.37	300m:	3:14.84	34.29	400m:	4:22.95	33.43
29.				2003						4:22.99	525	
	50m:	28.98	28.98	150m:	1:33.88	32.95	250m:	2:40.91	33.49	350m:	3:49.71	35.00
	100m:	1:00.93	31.95	200m:	2:07.42	33.54	300m:	3:14.71	33.80	400m:	4:22.99	33.28
30.				2001						4:23.05	525	
	50m:	28.92	28.92	150m:	1:34.51	33.19	250m:	2:42.34	34.25	350m:	3:50.44	34.31
	100m:	1:01.32	32.40	200m:	2:08.09	33.58	300m:	3:16.13	33.79	400m:	4:23.05	32.61

12,		, 400m						R.T.		FINA		
31.				2002					4:26.42	I	505	
	50m:	28.52	28.52	150m:	1:33.04	32.60	250m:	2:42.10	34.92	350m:	3:52.02	35.04
	100m:	1:00.44	31.92	200m:	2:07.18	34.14	300m:	3:16.98	34.88	400m:	4:26.42	34.40
32.				2003						4:28.69	492	
	50m:	29.15	29.15	150m:	1:36.25	34.10	250m:	2:46.25	35.16	350m:	3:56.44	35.31
	100m:	1:02.15	33.00	200m:	2:11.09	34.84	300m:	3:21.13	34.88	400m:	4:28.69	32.25
33.				2002						4:29.19	490	
	50m:	29.65	29.65	150m:	1:36.18	33.85	250m:	2:44.47	34.51	350m:	3:54.61	35.17
	100m:	1:02.33	32.68	200m:	2:09.96	33.78	300m:	3:19.44	34.97	400m:	4:29.19	34.58
34.				2003 I						4:29.44	488	
	50m:	30.10	30.10	150m:	1:37.42	33.98	250m:	2:46.34	34.82	350m:	3:55.69	35.12
	100m:	1:03.44	33.34	200m:	2:11.52	34.10	300m:	3:20.57	34.23	400m:	4:29.44	33.75
35.				2001 I						4:29.73	487	
	50m:	29.64	29.64	150m:	1:36.45	34.04	250m:	2:45.19	34.62	350m:	3:55.09	35.13
	100m:	1:02.41	32.77	200m:	2:10.57	34.12	300m:	3:19.96	34.77	400m:	4:29.73	34.64
36.				2001						4:29.82	486	
	50m:	29.72	29.72	150m:	1:37.25	34.24	250m:	2:46.49	34.59	350m:	3:56.37	34.46
	100m:	1:03.01	33.29	200m:	2:11.90	34.65	300m:	3:21.91	35.42	400m:	4:29.82	33.45
37.				2002 I						4:30.18	484	
	50m:	29.23	29.23	150m:	1:35.39	34.01	250m:	2:45.29	34.98	350m:	3:55.64	35.19
	100m:	1:01.38	32.15	200m:	2:10.31	34.92	300m:	3:20.45	35.16	400m:	4:30.18	34.54
38.				2002 I						4:30.45	483	
	50m:	29.36	29.36	150m:	1:36.15	34.09	250m:	2:45.86	35.01	350m:	3:57.12	35.50
	100m:	1:02.06	32.70	200m:	2:10.85	34.70	300m:	3:21.62	35.76	400m:	4:30.45	33.33
39.				2001 I						4:30.89	481	
	50m:	30.17	30.17	150m:	1:37.54	34.15	250m:	2:46.49	34.19	350m:	3:56.02	35.16
	100m:	1:03.39	33.22	200m:	2:12.30	34.76	300m:	3:20.86	34.37	400m:	4:30.89	34.87
40.				2001						4:33.10	469	
	50m:	30.19	30.19	150m:	1:37.56	34.25	250m:	2:46.85	34.84	350m:	3:58.04	35.44
	100m:	1:03.31	33.12	200m:	2:12.01	34.45	300m:	3:22.60	35.75	400m:	4:33.10	35.06
41.				2002 I						4:34.30	463	
	50m:	29.76	29.76	150m:	1:37.43	34.66	250m:	2:47.19	35.04	350m:	3:59.06	36.07
	100m:	1:02.77	33.01	200m:	2:12.15	34.72	300m:	3:22.99	35.80	400m:	4:34.30	35.24
42.				2002 I						4:34.80	460	
	50m:	29.10	29.10	150m:	1:35.38	34.07	250m:	2:46.69	36.00	350m:	3:59.47	36.59
	100m:	1:01.31	32.21	200m:	2:10.69	35.31	300m:	3:22.88	36.19	400m:	4:34.80	35.33
43.				2002 I						4:34.85	460	
	50m:	29.71	29.71	150m:	1:37.92	34.77	250m:	2:49.80	36.23	350m:	4:01.00	35.10
	100m:	1:03.15	33.44	200m:	2:13.57	35.65	300m:	3:25.90	36.10	400m:	4:34.85	33.85
44.				2001						4:35.68	456	
	50m:	29.88	29.88	150m:	1:37.53	34.48	250m:	2:47.58	35.41	350m:	3:59.85	36.01
	100m:	1:03.05	33.17	200m:	2:12.17	34.64	300m:	3:23.84	36.26	400m:	4:35.68	35.83
45.				2003 I						4:36.33	453	
	50m:	30.18	30.18	150m:	1:39.22	34.92	250m:	2:50.74	35.88	350m:	4:01.90	35.24
	100m:	1:04.30	34.12	200m:	2:14.86	35.64	300m:	3:26.66	35.92	400m:	4:36.33	34.43
46.				2003 I						4:37.27	448	
	50m:	31.54	31.54	150m:	1:41.11	34.83	250m:	2:52.06	35.28	350m:	4:03.24	35.57
	100m:	1:06.28	34.74	200m:	2:16.78	35.67	300m:	3:27.67	35.61	400m:	4:37.27	34.03

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12, , 400m ,

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FINA

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12, , 400m

EXH			/					R.T.		FINA
	50m:	27.78	27.78	2003	-				4:13.44	587
	100m:	58.97	31.19	150m: 1:31.08	32.11	250m: 2:36.71	32.37	350m: 3:42.61	32.84	
				200m: 2:04.34	33.26	300m: 3:09.77	33.06	400m: 4:13.44	30.83	

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13
17.10.2018 - 10:32

, 400m

				4:31.13				(GER)				15.11.2009	
				4:38.42								05.11.2016	
: FINA 2018													
				/				R.T.				FINA	
1.				1998				4:56.36				667	
	50m:	30.06	30.06	150m:	1:45.21	39.29	250m:	3:05.64	42.44	350m:	4:23.40	35.03	
	100m:	1:05.92	35.86	200m:	2:23.20	37.99	300m:	3:48.37	42.73	400m:	4:56.36	32.96	
2.				1996				4:56.60				665	
	50m:	31.85	31.85	150m:	1:46.55	38.40	250m:	3:06.99	43.85	350m:	4:24.81	34.09	
	100m:	1:08.15	36.30	200m:	2:23.14	36.59	300m:	3:50.72	43.73	400m:	4:56.60	31.79	
3.				2005				4:57.34				660	
	50m:	30.11	30.11	150m:	1:43.77	38.84	250m:	3:04.90	42.03	350m:	4:24.15	35.72	
	100m:	1:04.93	34.82	200m:	2:22.87	39.10	300m:	3:48.43	43.53	400m:	4:57.34	33.19	
4.				2001				5:00.00				643	
	50m:	31.57	31.57	150m:	1:47.13	38.99	250m:	3:07.16	43.24	350m:	4:25.55	35.95	
	100m:	1:08.14	36.57	200m:	2:23.92	36.79	300m:	3:49.60	42.44	400m:	5:00.00	34.45	
5.				2002				5:07.13				599	
	50m:	31.72	31.72	150m:	1:48.80	39.82	250m:	3:12.08	44.07	350m:	4:32.40	36.58	
	100m:	1:08.98	37.26	200m:	2:28.01	39.21	300m:	3:55.82	43.74	400m:	5:07.13	34.73	
6.				2000				5:13.06				565	
	50m:	31.86	31.86	150m:	1:48.37	38.79	250m:	3:16.09	49.50	350m:	4:43.82	39.38	
	100m:	1:09.58	37.72	200m:	2:26.59	38.22	300m:	4:04.44	48.35	400m:	5:13.06	29.24	
7.				2005				5:14.89				556	
	50m:	32.95	32.95	150m:	1:51.44	40.72	250m:	3:17.50	47.78	350m:	4:41.36	35.76	
	100m:	1:10.72	37.77	200m:	2:29.72	38.28	300m:	4:05.60	48.10	400m:	5:14.89	33.53	
8.				1997				5:15.30				553	
	50m:	33.10	33.10	150m:	1:50.56	39.56	250m:	3:11.92	42.36	350m:	4:35.90	39.80	
	100m:	1:11.00	37.90	200m:	2:29.56	39.00	300m:	3:56.10	44.18	400m:	5:15.30	39.40	
9.				2002				5:15.43				553	
	50m:	32.63	32.63	150m:	1:52.18	42.41	250m:	3:20.00	47.13	350m:	4:41.77	35.33	
	100m:	1:09.77	37.14	200m:	2:32.87	40.69	300m:	4:06.44	46.44	400m:	5:15.43	33.66	
10.				2001				5:16.72				546	
	50m:	33.19	33.19	150m:	1:54.04	42.13	250m:	3:18.67	42.64	350m:	4:40.39	37.78	
	100m:	1:11.91	38.72	200m:	2:36.03	41.99	300m:	4:02.61	43.94	400m:	5:16.72	36.33	
11.				2004				5:17.29				543	
	50m:	34.05	34.05	150m:	1:54.98	40.51	250m:	3:19.16	44.66	350m:	4:41.99	38.05	
	100m:	1:14.47	40.42	200m:	2:34.50	39.52	300m:	4:03.94	44.78	400m:	5:17.29	35.30	
12.				2005				5:17.75				541	
	50m:	34.40	34.40	150m:	1:55.28	41.01	250m:	3:19.59	44.68	350m:	4:41.50	36.78	
	100m:	1:14.27	39.87	200m:	2:34.91	39.63	300m:	4:04.72	45.13	400m:	5:17.75	36.25	
13.				2002				5:25.59				503	
	50m:	33.21	33.21	150m:	1:54.85	41.10	250m:	3:21.70	46.48	350m:	4:47.47	39.03	
	100m:	1:13.75	40.54	200m:	2:35.22	40.37	300m:	4:08.44	46.74	400m:	5:25.59	38.12	
14.				2004				5:25.68				502	
	50m:	34.45	34.45	150m:	1:57.94	41.85	250m:	3:26.62	47.38	350m:	4:50.83	37.32	
	100m:	1:16.09	41.64	200m:	2:39.24	41.30	300m:	4:13.51	46.89	400m:	5:25.68	34.85	

ALT-Timing

13,		, 400m						R.T.		FINA		
15.				2003					5:25.96		501	
	50m:	34.73	34.73	150m:	1:57.15	42.62	250m:	3:25.60	46.87	350m:	4:50.81	37.36
	100m:	1:14.53	39.80	200m:	2:38.73	41.58	300m:	4:13.45	47.85	400m:	5:25.96	35.15
16.				2004						5:27.11		496
	50m:	34.21	34.21	150m:	1:53.22	42.02	250m:	3:21.95	47.94	350m:	4:49.79	38.62
	100m:	1:11.20	36.99	200m:	2:34.01	40.79	300m:	4:11.17	49.22	400m:	5:27.11	37.32
17.				2001						5:29.88		483
	50m:	33.79	33.79	150m:	1:56.47	42.52	250m:	3:25.06	46.37	350m:	4:52.39	39.82
	100m:	1:13.95	40.16	200m:	2:38.69	42.22	300m:	4:12.57	47.51	400m:	5:29.88	37.49
18.				2002						5:30.24		482
	50m:	35.61	35.61	150m:	1:59.03	42.77	250m:	3:26.85	47.07	350m:	4:53.64	38.70
	100m:	1:16.26	40.65	200m:	2:39.78	40.75	300m:	4:14.94	48.09	400m:	5:30.24	36.60
19.				2003						5:32.57		472
	50m:	34.68	34.68	150m:	2:01.19	43.01	250m:	3:28.73	45.61	350m:	4:55.65	39.59
	100m:	1:18.18	43.50	200m:	2:43.12	41.93	300m:	4:16.06	47.33	400m:	5:32.57	36.92
20.				2003						5:34.86		462
	50m:	34.90	34.90	150m:	1:57.44	41.31	250m:	3:27.46	48.22	350m:	4:56.96	39.75
	100m:	1:16.13	41.23	200m:	2:39.24	41.80	300m:	4:17.21	49.75	400m:	5:34.86	37.90
21.				2004						5:36.90		454
	50m:	36.11	36.11	150m:	2:03.74	43.56	250m:	3:32.30	47.45	350m:	5:00.21	40.70
	100m:	1:20.18	44.07	200m:	2:44.85	41.11	300m:	4:19.51	47.21	400m:	5:36.90	36.69
22.				2003						5:41.94		434
	50m:	37.34	37.34	150m:	2:05.83	43.69	250m:	3:36.01	48.06	350m:	5:04.24	38.39
	100m:	1:22.14	44.80	200m:	2:47.95	42.12	300m:	4:25.85	49.84	400m:	5:41.94	37.70
DSQ				2001								

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13, , 400m

EXH			/					R.T.		FINA		
			2004	-					5:21.79	521		
	50m:	32.33	32.33	150m:	1:51.67	40.13	250m:	3:21.77	49.35	350m:	4:47.27	36.50
	100m:	1:11.54	39.21	200m:	2:32.42	40.75	300m:	4:10.77	49.00	400m:	5:21.79	34.52

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14
17.10.2018 - 10:45

, 400m

												4:03.91			09.11.2014
												4:04.23	-1	19.11.2017	
: FINA 2018															
												/	R.T.	FINA	
1.				2000				4:30.40			660				
	50m:	27.84	27.84	150m:	1:33.61	33.84	250m:	2:46.74	38.92	350m:	3:58.91	32.61			
	100m:	59.77	31.93	200m:	2:07.82	34.21	300m:	3:26.30	39.56	400m:	4:30.40	31.49			
2.				2002				4:36.07			620				
	50m:	29.14	29.14	150m:	1:39.54	35.44	250m:	2:53.29	38.86	350m:	4:04.98	31.91			
	100m:	1:04.10	34.96	200m:	2:14.43	34.89	300m:	3:33.07	39.78	400m:	4:36.07	31.09			
3.				1997				4:39.11			600				
	50m:	29.15	29.15	150m:	1:39.10	35.92	250m:	2:54.12	40.44	350m:	4:07.73	32.17			
	100m:	1:03.18	34.03	200m:	2:13.68	34.58	300m:	3:35.56	41.44	400m:	4:39.11	31.38			
4.				1998				4:40.94			589				
	50m:	30.18	30.18	150m:	1:41.76	37.18	250m:	2:58.27	40.93	350m:	4:11.34	31.86			
	100m:	1:04.58	34.40	200m:	2:17.34	35.58	300m:	3:39.48	41.21	400m:	4:40.94	29.60			
5.				2002				4:43.42			573				
	50m:	30.41	30.41	150m:	1:41.13	36.04	250m:	2:57.72	41.32	350m:	4:12.59	33.13			
	100m:	1:05.09	34.68	200m:	2:16.40	35.27	300m:	3:39.46	41.74	400m:	4:43.42	30.83			
6.				2001				4:43.77			571				
	50m:	28.94	28.94	150m:	1:38.14	36.24	250m:	2:54.55	40.77	350m:	4:11.31	34.25			
	100m:	1:01.90	32.96	200m:	2:13.78	35.64	300m:	3:37.06	42.51	400m:	4:43.77	32.46			
7.				2003				4:44.37			567				
	50m:	30.91	30.91	150m:	1:42.50	36.71	250m:	2:58.83	40.00	350m:	4:12.47	32.86			
	100m:	1:05.79	34.88	200m:	2:18.83	36.33	300m:	3:39.61	40.78	400m:	4:44.37	31.90			
8.				2002				4:45.72			559				
	50m:	29.77	29.77	150m:	1:40.72	36.60	250m:	2:58.50	42.24	350m:	4:14.50	33.42			
	100m:	1:04.12	34.35	200m:	2:16.26	35.54	300m:	3:41.08	42.58	400m:	4:45.72	31.22			
9.				2003				4:46.22			557				
	50m:	30.48	30.48	150m:	1:43.53	37.56	250m:	2:59.23	39.19	350m:	4:13.92	34.24			
	100m:	1:05.97	35.49	200m:	2:20.04	36.51	300m:	3:39.68	40.45	400m:	4:46.22	32.30			
10.				1991				4:46.91			553				
	50m:	30.06	30.06	150m:	1:41.63	37.70	250m:	2:58.22	39.89	350m:	4:14.70	34.73			
	100m:	1:03.93	33.87	200m:	2:18.33	36.70	300m:	3:39.97	41.75	400m:	4:46.91	32.21			
11.				2001				4:49.24			539				
	50m:	31.20	31.20	150m:	1:45.81	38.35	250m:	3:02.30	38.87	350m:	4:15.79	34.72			
	100m:	1:07.46	36.26	200m:	2:23.43	37.62	300m:	3:41.07	38.77	400m:	4:49.24	33.45			
12.				2003				4:49.36			539				
	50m:	29.28	29.28	150m:	1:41.14	38.68	250m:	2:59.67	41.31	350m:	4:16.98	34.66			
	100m:	1:02.46	33.18	200m:	2:18.36	37.22	300m:	3:42.32	42.65	400m:	4:49.36	32.38			
13.				2002				4:50.51			532				
	50m:	28.43	28.43	150m:	1:38.25	36.36	250m:	2:57.39	42.63	350m:	4:17.08	35.53			
	100m:	1:01.89	33.46	200m:	2:14.76	36.51	300m:	3:41.55	44.16	400m:	4:50.51	33.43			
14.				2003				4:52.16			523				
	50m:	31.14	31.14	150m:	1:46.07	37.73	250m:	3:05.62	42.87	350m:	4:20.74	31.95			
	100m:	1:08.34	37.20	200m:	2:22.75	36.68	300m:	3:48.79	43.17	400m:	4:52.16	31.42			

ALT-Timing

	14,	, 400m							R.T.		FINA	
15.			2003							4:54.16	513	
	50m:	31.66	31.66	150m:	1:44.65	37.43	250m:	3:04.64	44.09	350m:	4:22.07	33.34
	100m:	1:07.22	35.56	200m:	2:20.55	35.90	300m:	3:48.73	44.09	400m:	4:54.16	32.09
16.			2003							4:58.38	491	
	50m:	30.91	30.91	150m:	1:44.57	38.22	250m:	3:05.22	43.60	350m:	4:24.33	34.68
	100m:	1:06.35	35.44	200m:	2:21.62	37.05	300m:	3:49.65	44.43	400m:	4:58.38	34.05
17.			2003							5:00.00	483	
	50m:	29.75	29.75	150m:	1:42.50	36.69	250m:	3:03.04	43.96	350m:	4:25.30	36.78
	100m:	1:05.81	36.06	200m:	2:19.08	36.58	300m:	3:48.52	45.48	400m:	5:00.00	34.70
18.			2003							5:01.04	478	
	50m:	29.86	29.86	150m:	1:45.06	38.61	250m:	3:00.85	36.33	350m:	4:22.78	41.56
	100m:	1:06.45	36.59	200m:	2:24.52	39.46	300m:	3:41.22	40.37	400m:	5:01.04	38.26
19.			2001							5:02.80	470	
	50m:	33.78	33.78	150m:	1:53.67	40.16	250m:	3:13.62	40.75	350m:	4:29.99	35.30
	100m:	1:13.51	39.73	200m:	2:32.87	39.20	300m:	3:54.69	41.07	400m:	5:02.80	32.81
20.			2003							5:03.91	465	
	50m:	31.99	31.99	150m:	1:49.59	40.21	250m:	3:10.29	43.55	350m:	4:31.15	36.71
	100m:	1:09.38	37.39	200m:	2:26.74	37.15	300m:	3:54.44	44.15	400m:	5:03.91	32.76
21.			2003							5:05.01	460	
	50m:	30.13	30.13	150m:	1:45.98	39.44	250m:	3:09.54	44.83	350m:	4:30.17	35.81
	100m:	1:06.54	36.41	200m:	2:24.71	38.73	300m:	3:54.36	44.82	400m:	5:05.01	34.84
22.			2003							5:09.56	440	
	50m:	31.98	31.98	150m:	1:49.01	40.76	250m:	3:11.42	42.87	350m:	4:33.99	38.34
	100m:	1:08.25	36.27	200m:	2:28.55	39.54	300m:	3:55.65	44.23	400m:	5:09.56	35.57
23.			2002							5:17.61	407	
	50m:	32.82	32.82	150m:	1:51.41	40.12	250m:	3:15.54	44.36	350m:	4:39.91	39.40
	100m:	1:11.29	38.47	200m:	2:31.18	39.77	300m:	4:00.51	44.97	400m:	5:17.61	37.70
24.			2002							5:46.56	313	
	50m:	35.20	35.20	150m:	2:00.69	45.08	250m:	3:32.40	45.83	350m:	5:04.42	44.49
	100m:	1:15.61	40.41	200m:	2:46.57	45.88	300m:	4:19.93	47.53	400m:	5:46.56	42.14
DSQ			2003									

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15
17.10.2018 - 11:09

, 200m

				2:15.62					(NED)	09.10.2016		
				2:18.95					(QAT)	07.12.2014		
: FINA 2018												
				/					R.T.	FINA		
1.				1999					2:35.18	652		
	50m:	35.84	35.84	100m:	1:15.61	39.77	150m:	1:55.18	39.57	200m:	2:35.18	40.00
2.				1997					2:38.77	608		
	50m:	37.35	37.35	100m:	1:17.87	40.52	150m:	1:57.98	40.11	200m:	2:38.77	40.79
3.				2003					2:40.29	591		
	50m:	35.63	35.63	100m:	1:16.81	41.18	150m:	1:58.15	41.34	200m:	2:40.29	42.14
4.				2005					2:41.16	582		
	50m:	36.76	36.76	100m:	1:17.82	41.06	150m:	2:00.07	42.25	200m:	2:41.16	41.09
5.				2003					2:41.33	580		
	50m:	37.52	37.52	100m:	1:18.94	41.42	150m:	2:00.68	41.74	200m:	2:41.33	40.65
6.				2002					2:41.98	573		
	50m:	35.40	35.40	100m:	1:16.85	41.45	150m:	1:59.20	42.35	200m:	2:41.98	42.78
7.				2004					2:43.26	560		
	50m:	35.60	35.60	100m:	1:16.89	41.29	150m:	1:59.66	42.77	200m:	2:43.26	43.60
8.				2001					2:44.23	550		
	50m:	36.06	36.06	100m:	1:17.28	41.22	150m:	2:00.31	43.03	200m:	2:44.23	43.92
9.				2002					2:45.21	540		
	50m:	37.79	37.79	100m:	1:19.27	41.48	150m:	2:01.98	42.71	200m:	2:45.21	43.23
10.				2005					2:45.30	539		
	50m:	39.07	39.07	100m:	1:21.59	42.52	150m:	2:03.10	41.51	200m:	2:45.30	42.20
11.				2004					2:47.63	517		
	50m:	39.20	39.20	100m:	1:21.68	42.48	150m:	2:04.87	43.19	200m:	2:47.63	42.76
12.				2003					2:48.06	513		
	50m:	37.24	37.24	100m:	1:19.77	42.53	150m:	2:03.91	44.14	200m:	2:48.06	44.15
13.				2005					2:49.35	501		
	50m:	39.17	39.17	100m:	1:22.53	43.36	150m:	2:05.96	43.43	200m:	2:49.35	43.39
14.				2004					2:53.90	463		
	50m:	39.44	39.44	100m:	1:23.97	44.53	150m:	2:08.49	44.52	200m:	2:53.90	45.41
15.				2005					2:54.72	456		
	50m:	38.30	38.30	100m:	1:21.75	43.45	150m:	2:07.67	45.92	200m:	2:54.72	47.05
16.				2003					2:55.01	454		
	50m:	39.02	39.02	100m:	1:22.88	43.86	150m:	2:07.81	44.93	200m:	2:55.01	47.20
17.				2004					2:56.79	441		
	50m:	40.42	40.42	100m:	1:25.07	44.65	150m:	2:10.49	45.42	200m:	2:56.79	46.30
18.				2005					2:56.81	440		
	50m:	39.72	39.72	100m:	1:24.97	45.25	150m:	2:11.47	46.50	200m:	2:56.81	45.34
19.				2001					2:57.98	432		
	50m:	39.30	39.30	100m:	1:23.85	44.55	150m:	2:10.14	46.29	200m:	2:57.98	47.84

ALT-Timing

, 16 - 19 2018

	15,		, 200m						R.T.		FINA
20.				1997						2:58.45	428
	50m:	40.10	40.10	100m:	1:25.68	45.58	150m:	2:12.31	46.63	200m:	2:58.45 46.14
21.				2002 I						3:00.61	413
	50m:	41.35	41.35	100m:	1:27.61	46.26	150m:	2:14.00	46.39	200m:	3:00.61 46.61
22.				2004 I						3:00.98	411
	50m:	39.58	39.58	100m:	1:25.40	45.82	150m:	2:13.30	47.90	200m:	3:00.98 47.68
DSQ				2003							

, 16 - 19 2018

15, , 200m

EXH			/					R.T.		FINA		
			2004		-				2:48.66	507		
	50m:	38.99	38.99	100m:	1:22.56	43.57	150m:	2:06.47	43.91	200m:	2:48.66	42.19

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16
17.10.2018 - 11:16

, 200m

1:49.46
1:53.10

(TUR)

12.12.2009
12.11.2015

: FINA 2018

									R.T.		FINA
1.				1994					2:04.33		665
	50m:	28.10	28.10	100m:	59.58	31.48	150m:	1:31.60	32.02	200m:	2:04.33 32.73
2.				2000					2:07.48		617
	50m:	28.21	28.21	100m:	1:00.32	32.11	150m:	1:33.89	33.57	200m:	2:07.48 33.59
3.				2001					2:07.56		616
	50m:	28.16	28.16	100m:	1:00.02	31.86	150m:	1:33.18	33.16	200m:	2:07.56 34.38
4.				2003					2:08.48		603
	50m:	28.93	28.93	100m:	1:01.09	32.16	150m:	1:33.49	32.40	200m:	2:08.48 34.99
5.				2001					2:09.30		591
	50m:	29.37	29.37	100m:	1:02.10	32.73	150m:	1:34.91	32.81	200m:	2:09.30 34.39
6.				2001					2:09.58		588
	50m:	28.00	28.00	100m:	1:00.47	32.47	150m:	1:34.79	34.32	200m:	2:09.58 34.79
7.				2002					2:10.56		574
	50m:	29.76	29.76	100m:	1:03.50	33.74	150m:	1:36.78	33.28	200m:	2:10.56 33.78
8.				2001					2:11.45 		563
	50m:	28.63	28.63	100m:	1:01.06	32.43	150m:	1:35.36	34.30	200m:	2:11.45 36.09
9.				2001					2:11.72 		559
	50m:	29.14	29.14	100m:	1:02.22	33.08	150m:	1:36.45	34.23	200m:	2:11.72 35.27
10.				2003					2:13.72 		535
	50m:	28.78	28.78	100m:	1:01.57	32.79	150m:	1:36.11	34.54	200m:	2:13.72 37.61
11.				2002					2:14.40 		527
	50m:	29.09	29.09	100m:	1:02.87	33.78	150m:	1:38.19	35.32	200m:	2:14.40 36.21
12.				2003					2:16.14 		507
	50m:	29.63	29.63	100m:	1:05.02	35.39	150m:	1:41.18	36.16	200m:	2:16.14 34.96
13.				1999					2:19.08		475
	50m:	28.80	28.80	100m:	1:01.51	32.71	150m:	1:38.16	36.65	200m:	2:19.08 40.92
14.				2001					2:19.61		470
	50m:	29.90	29.90	100m:	1:03.59	33.69	150m:	1:39.10	35.51	200m:	2:19.61 40.51
15.				2001					2:20.04		465
	50m:	29.07	29.07	100m:	1:04.12	35.05	150m:	1:41.09	36.97	200m:	2:20.04 38.95
16.				2003					2:25.44		415
	50m:	29.33	29.33	100m:	1:04.70	35.37	150m:	1:44.60	39.90	200m:	2:25.44 40.84
17.				2003					2:29.11		385
	50m:	30.89	30.89	100m:	1:08.35	37.46	150m:	1:48.37	40.02	200m:	2:29.11 40.74

ALT-Timing

25

, 16 - 19 2018

16, , 200m

EXH			/					R.T.		FINA	
			2001 I		-				2:28.67	389	
	50m:	31.51	31.51	100m:	1:08.60	37.09	150m:	1:47.58	38.98	200m: 2:28.67	41.09

, 16 - 19 2018

17
17.10.2018 - 11:29

, 50m

22.74
22.83

(NED)
(DEN)

26.11.2010
21.11.2017

: FINA 2018

	/	R.T.	FINA
1.	2001	25.64	650
2.	1999	26.11	616
3.	1996	26.29	603
4.	1998	26.68	577
5.	2002	26.73	574
6.	1999	26.99	557
7.	2001	27.10	551
8.	2002	27.46	529
9.	2001	27.52	526
10.	1999	27.83	508
11.	2002	27.88	506
12.	2002	28.01	499
13.	2002	28.15	491
14.	2003	28.39	479
15.	2003	28.45	476
16.	2002	28.50	473
17.	1994	28.94	452
18.	2001	29.01	449
19.	2003	29.10	445
20.	2001	29.18	441
21.	2003	29.21	440
22.	2003	29.32	435
23.	2003	29.34	434
24.	2003	29.41	431
25.	2003	29.59	423
26.	2003	29.65	420
27.	2002	29.81	414
28.	2003	30.35	392
29.	2003	30.36	392
30.	2002	30.47	387
	2003	30.47	387
32.	2002	30.52	385
33.	2001	30.79	375
34.	2002	31.03	367
35.	1993	31.06	366
36.	2003	31.37	355
37.	2002	32.02	334
DSQ	2001		

ALT-Timing

25

, 16 - 19 2018

17, , 50m

	/		R.T.	FINA
EXH	2003	-	28.84	457
EXH	2000	-	29.42	430
EXH	2001	-	31.05	366

, 16 - 19 2018

18
17.10.2018 - 11:34

, 50m

26.15	(CAN)	10.12.2016
26.90	-	20.12.2014

: FINA 2018

	/	R.T.	FINA
1.	2000	28.67	717
2.	2002	29.93	630
3.	1998	30.02	625
4.	2002	30.05	623
5.	2002	30.06	622
6.	2002	30.07	622
7.	2001	30.22	612
8.	2001	30.23	612
9.	2002	30.37	603
10.	2002	30.46	598
	2002	30.46	598
12.	2002	30.71	584
13.	2001	30.72	583
14.	2004	30.81	578
15.	1997	31.03	566
16.	2002	31.07	563
17.	2003	31.20	556
18.	2003	31.25	554
19.	2003	31.39	546
	2004	31.39	546
21.	2005	31.48	542
22.	2001	31.71	530
23.	2002	31.76	528
24.	2002	31.80	526
25.	2004	31.87	522
26.	2004	31.98	517
27.	2005	32.05	513
28.	2004	32.16	508
29.	2005	32.25	504
30.	1997	32.35	499
31.	2004	32.45	495
32.	2003	32.61	487
33.	2002	32.73	482
34.	2005	33.12	465
	2002	33.12	465
36.	2004	33.14	464
37.	2004	33.17	463
38.	2003	33.24	460
39.	2001	33.31	457
40.	2003	33.33	456
41.	2003	33.53	448
42.	2004	33.97	431

ALT-Timing

25

, 16 - 19 2018

18,	, 50m	,		R.T.	FINA
43.		/	2004	34.19	423
44.			2003	34.27	420
45.			2004	34.34	417
46.			2002	34.56	409
			2003	34.56	409
48.			2004	34.75	403
49.			2003	34.98	395
50.			2003	35.01	394
51.			2004	35.02	393
52.			2001	35.21	387
53.			2004	35.31	384
54.			2004	35.53	377
55.			2004	36.08	360
DSQ			2004		
DSQ			2002		

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18, , 50m

	/		R.T.	FINA
EXH	2004	-	32.13	509
EXH	2004 I	-	32.81	478
EXH	2004 I	-	35.83	367

, 16 - 19 2018

19		, 4 x 50m		2005		
17.10.2018 - 11:42		1:38.36		RUS	(ISR)	03.12.2015
: FINA 2018						
		/		R.T.		FINA
1.	1			1:49.90		691
		01	25.15		97	24.77
		99	34.40		97	25.58
2.				1:50.43		681
		99	26.78		01	25.12
		99	32.35		00	26.18
3.	2			1:50.77		675
		98	26.73		02	28.84
		98	28.76		04	26.44
4.				1:51.73		657
		01	27.38		02	27.42
		01	33.50		02	23.43
5.				1:52.60		642
		00	28.77		03	26.96
		02	29.91		02	26.96
6.				1:52.87		638
		02	31.94		01	23.44
		03	34.36		02	23.13
7.				1:54.74		607
		02	28.47		05	30.83
		93	29.04		05	26.40
8.				1:55.93		588
		03	31.01		02	26.43
		95	29.31		03	29.18
9.				1:56.35		582
		05	32.06		03	27.28
		03	30.04		02	26.97
10.				1:57.82		560
		03	31.88		02	26.36
		02	31.30		04	28.28

ALT-Timing

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20 , 800m
17.10.2018 - 11:54

				8:11.99				(CHN)				06.04.2006			
				8:20.17								09.11.2015			
: FINA 2018															
												R.T.		FINA	
1.				1996				8:57.64				708			
	50m:	30.95	30.95	300m:	3:19.22	1:07.48	600m:	6:43.04	1:07.70						
	100m:	1:04.43	33.48	400m:	4:27.49	1:08.27	700m:	7:51.05	1:08.01						
	200m:	2:11.74	1:07.31	500m:	5:35.34	1:07.85	800m:	8:57.64	1:06.59						
2.				2001				9:10.02				661			
	50m:	31.28	31.28	300m:	3:22.19	1:09.27	600m:	6:53.36	1:10.38						
	100m:	1:04.81	33.53	400m:	4:32.34	1:10.15	700m:	8:03.53	1:10.17						
	200m:	2:12.92	1:08.11	500m:	5:42.98	1:10.64	800m:	9:10.02	1:06.49						
3.				2002				9:12.30				653			
	50m:	31.91	31.91	300m:	3:24.15	1:10.16	600m:	6:53.62	1:10.01						
	100m:	1:05.43	33.52	400m:	4:33.96	1:09.81	700m:	8:03.94	1:10.32						
	200m:	2:13.99	1:08.56	500m:	5:43.61	1:09.65	800m:	9:12.30	1:08.36						
4.				2004				9:27.80				601			
	50m:	31.77	31.77	300m:	3:29.17	1:12.44	600m:	7:06.32	1:12.73						
	100m:	1:06.23	34.46	400m:	4:41.06	1:11.89	700m:	8:17.80	1:11.48						
	200m:	2:16.73	1:10.50	500m:	5:53.59	1:12.53	800m:	9:27.80	1:10.00						
5.				2003				9:28.90				598			
	50m:	33.08	33.08	300m:	3:31.20	1:11.92	600m:	7:07.84	1:12.43						
	100m:	1:07.87	34.79	400m:	4:43.06	1:11.86	700m:	8:20.15	1:12.31						
	200m:	2:19.28	1:11.41	500m:	5:55.41	1:12.35	800m:	9:28.90	1:08.75						
6.				2003				9:30.21				594			
	50m:	32.86	32.86	300m:	3:30.63	1:11.40	600m:	7:08.34	1:12.90						
	100m:	1:07.73	34.87	400m:	4:42.88	1:12.25	700m:	8:20.64	1:12.30						
	200m:	2:19.23	1:11.50	500m:	5:55.44	1:12.56	800m:	9:30.21	1:09.57						
7.				2002				9:30.46				593			
	50m:	31.62	31.62	300m:	3:27.66	1:11.60	600m:	7:07.76	1:13.69						
	100m:	1:05.90	34.28	400m:	4:40.80	1:13.14	700m:	8:20.76	1:13.00						
	200m:	2:16.06	1:10.16	500m:	5:54.07	1:13.27	800m:	9:30.46	1:09.70						
8.				2004				9:35.61				577			
	50m:	31.72	31.72	300m:	3:29.43	1:12.38	600m:	7:09.63	1:14.31						
	100m:	1:05.89	34.17	400m:	4:42.13	1:12.70	700m:	8:23.43	1:13.80						
	200m:	2:17.05	1:11.16	500m:	5:55.32	1:13.19	800m:	9:35.61	1:12.18						
9.				2005				9:39.73				565			
	50m:	32.26	32.26	300m:	3:34.64	1:13.83	600m:	7:15.80	1:13.36						
	100m:	1:07.34	35.08	400m:	4:48.88	1:14.24	700m:	8:28.99	1:13.19						
	200m:	2:20.81	1:13.47	500m:	6:02.44	1:13.56	800m:	9:39.73	1:10.74						
10.				2002				9:40.00				564			
	50m:	33.34	33.34	300m:	3:32.26	1:12.31	600m:	7:12.85	1:13.49						
	100m:	1:08.68	35.34	400m:	4:46.05	1:13.79	700m:	8:27.20	1:14.35						
	200m:	2:19.95	1:11.27	500m:	5:59.36	1:13.31	800m:	9:40.00	1:12.80						
11.				2004				9:44.27				552			
	50m:	32.61	32.61	300m:	3:34.47	1:13.48	600m:	7:17.26	1:14.17						
	100m:	1:08.15	35.54	400m:	4:48.76	1:14.29	700m:	8:31.45	1:14.19						
	200m:	2:20.99	1:12.84	500m:	6:03.09	1:14.33	800m:	9:44.27	1:12.82						

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20,		, 800m								R.T.	FINA
12.				2003						9:46.13	546
	50m:	31.44	31.44	300m:	3:29.18	1:12.91	600m:	7:16.27	1:16.11		
	100m:	1:05.86	34.42	400m:	4:43.94	1:14.76	700m:	8:32.66	1:16.39		
	200m:	2:16.27	1:10.41	500m:	6:00.16	1:16.22	800m:	9:46.13	1:13.47		
13.				2003						9:52.28	530
	50m:	32.11	32.11	300m:	3:33.99	1:14.02	600m:	7:21.13	1:16.37		
	100m:	1:07.06	34.95	400m:	4:48.89	1:14.90	700m:	8:37.85	1:16.72		
	200m:	2:19.97	1:12.91	500m:	6:04.76	1:15.87	800m:	9:52.28	1:14.43		
14.				2003						9:53.35	527
	50m:	32.52	32.52	300m:	3:38.02	1:15.27	600m:	7:24.51	1:15.81		
	100m:	1:08.35	35.83	400m:	4:52.77	1:14.75	700m:	8:40.85	1:16.34		
	200m:	2:22.75	1:14.40	500m:	6:08.70	1:15.93	800m:	9:53.35	1:12.50		
15.				2003						9:53.37	527
	50m:	32.79	32.79	300m:	3:37.27	1:14.23	600m:	7:23.49	1:16.35		
	100m:	1:09.07	36.28	400m:	4:51.81	1:14.54	700m:	8:39.55	1:16.06		
	200m:	2:23.04	1:13.97	500m:	6:07.14	1:15.33	800m:	9:53.37	1:13.82		
16.				2002						9:54.88	523
	50m:	32.80	32.80	300m:	3:40.62	1:15.98	600m:	7:26.95	1:15.39		
	100m:	1:09.08	36.28	400m:	4:56.19	1:15.57	700m:	8:41.83	1:14.88		
	200m:	2:24.64	1:15.56	500m:	6:11.56	1:15.37	800m:	9:54.88	1:13.05		
17.				2005						9:56.53	518
	50m:	33.68	33.68	300m:	3:38.87	1:15.48	600m:	7:27.53	1:16.38		
	100m:	1:09.90	36.22	400m:	4:54.77	1:15.90	700m:	8:43.96	1:16.43		
	200m:	2:23.39	1:13.49	500m:	6:11.15	1:16.38	800m:	9:56.53	1:12.57		
18.				2003						9:57.38	516
	50m:	32.99	32.99	300m:	3:40.59	1:15.87	600m:	7:28.06	1:15.45		
	100m:	1:09.27	36.28	400m:	4:56.45	1:15.86	700m:	8:44.52	1:16.46		
	200m:	2:24.72	1:15.45	500m:	6:12.61	1:16.16	800m:	9:57.38	1:12.86		
19.				2001						9:58.61	513
	50m:	32.81	32.81	300m:	3:36.98	1:14.24	600m:	7:26.03	1:16.32		
	100m:	1:08.89	36.08	400m:	4:52.64	1:15.66	700m:	8:42.83	1:16.80		
	200m:	2:22.74	1:13.85	500m:	6:09.71	1:17.07	800m:	9:58.61	1:15.78		
20.				2005						10:01.96	504
	50m:	33.89	33.89	300m:	3:40.69	1:15.44	600m:	7:30.40	1:17.11		
	100m:	1:10.32	36.43	400m:	4:57.39	1:16.70	700m:	8:47.22	1:16.82		
	200m:	2:25.25	1:14.93	500m:	6:13.29	1:15.90	800m:	10:01.96	1:14.74		
21.				2005						10:24.07	453
	50m:	35.05	35.05	300m:	3:50.88	1:18.97	600m:	7:49.21	1:19.89		
	100m:	1:13.88	38.83	400m:	5:09.77	1:18.89	700m:	9:07.83	1:18.62		
	200m:	2:31.91	1:18.03	500m:	6:29.32	1:19.55	800m:	10:24.07	1:16.24		
22.				2004						10:29.75	440
	50m:	34.98	34.98	300m:	3:50.57	1:18.76	600m:	7:50.30	1:20.00		
	100m:	1:13.36	38.38	400m:	5:10.60	1:20.03	700m:	9:11.19	1:20.89		
	200m:	2:31.81	1:18.45	500m:	6:30.30	1:19.70	800m:	10:29.75	1:18.56		
23.				2002						10:45.08	410
	50m:	34.59	34.59	300m:	3:55.13	1:20.96	600m:	8:02.04	1:23.02		
	100m:	1:13.95	39.36	400m:	5:16.28	1:21.15	700m:	9:24.08	1:22.04		
	200m:	2:34.17	1:20.22	500m:	6:39.02	1:22.74	800m:	10:45.08	1:21.00		

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21
18.10.2018 - 10:06

, 100m

				45.23			(GER)	06.08.2017
				46.55			-1	18.11.2017
: FINA 2018								
				/			R.T.	FINA
1.				2001			49.88	731
	50m:	24.03	24.03	100m:	49.88	25.85		
2.				2001			51.94	647
	50m:	24.73	24.73	100m:	51.94	27.21		
3.				2001			52.02	644
	50m:	25.11	25.11	100m:	52.02	26.91		
4.				2001			52.21	637
	50m:	24.41	24.41	100m:	52.21	27.80		
5.				2002			52.23	636
	50m:	25.00	25.00	100m:	52.23	27.23		
6.				2002			52.32	633
	50m:	24.98	24.98	100m:	52.32	27.34		
7.				1999			52.37	631
	50m:	24.80	24.80	100m:	52.37	27.57		
8.				2002			52.51	626
	50m:	24.81	24.81	100m:	52.51	27.70		
9.				1995			52.68	620
	50m:	24.81	24.81	100m:	52.68	27.87		
10.				1994			52.76	617
	50m:	25.48	25.48	100m:	52.76	27.28		
11.				2002			52.77	617
	50m:	25.29	25.29	100m:	52.77	27.48		
12.				2001			52.91	612
	50m:	24.72	24.72	100m:	52.91	28.19		
13.				2001			52.95	611
	50m:	25.13	25.13	100m:	52.95	27.82		
14.				2001			53.30	599
	50m:	25.81	25.81	100m:	53.30	27.49		
15.				2002			53.45	594
	50m:	26.06	26.06	100m:	53.45	27.39		
16.				2000			53.58	590
	50m:	25.31	25.31	100m:	53.58	28.27		
17.				2001			53.64	588
	50m:	26.14	26.14	100m:	53.64	27.50		
18.				1996			53.81	582
	50m:	25.63	25.63	100m:	53.81	28.18		
19.				2003			54.02	575
	50m:	25.28	25.28	100m:	54.02	28.74		

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21,	, 100m	,	/	R.T.	FINA
20.	50m: 25.99	25.99	2001 100m: 54.03	28.04	54.03 575
21.	50m: 26.51	26.51	2001 100m: 54.06	27.55	54.06 574
22.	50m: 26.48	26.48	1998 100m: 54.12	27.64	54.12 572
23.	50m: 26.00	26.00	2003 100m: 54.26	28.26	54.26 568
	50m: 26.27	26.27	2001 100m: 54.26	27.99	54.26 568
25.	50m: 26.43	26.43	2001 100m: 54.35	27.92	54.35 565
26.	50m: 25.91	25.91	2002 100m: 54.36	28.45	54.36 565
	50m: 25.99	25.99	2003 100m: 54.36	28.37	54.36 565
28.	50m: 26.16	26.16	2002 100m: 54.38	28.22	54.38 564
29.	50m: 26.48	26.48	2002 100m: 54.58	28.10	54.58 558
30.	50m: 25.86	25.86	2002 100m: 54.81	28.95	54.81 551
31.	50m: 26.21	26.21	2001 100m: 54.82	28.61	54.82 550
32.	50m: 26.61	26.61	2000 100m: 54.93	28.32	54.93 547
33.	50m: 26.20	26.20	2002 100m: 55.23	29.03	55.23 538
34.	50m: 26.29	26.29	2002 100m: 55.28	28.99	55.28 537
35.	50m: 26.87	26.87	2003 100m: 55.47	28.60	55.47 531
36.	50m: 26.81	26.81	2003 100m: 55.55	28.74	55.55 529
37.	50m: 27.03	27.03	2003 100m: 55.56	28.53	55.56 529
38.	50m: 26.95	26.95	2003 100m: 55.61	28.66	55.61 527
39.	50m: 26.61	26.61	2002 100m: 55.65	29.04	55.65 526
40.	50m: 26.83	26.83	2003 100m: 55.80	28.97	55.80 522

ALT-Timing

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	21,	, 100m					R.T.	FINA
41.			/	2003	I		55.84	521
	50m:	26.34	26.34	100m:		55.84	29.50	
				2003			55.84	521
	50m:	26.89	26.89	100m:		55.84	28.95	
43.				2003			56.00	516
	50m:	26.97	26.97	100m:		56.00	29.03	
44.				2002			56.13	513
	50m:	27.53	27.53	100m:		56.13	28.60	
45.				2001	I		56.30	508
	50m:	26.79	26.79	100m:		56.30	29.51	
				1998			56.30	508
	50m:	27.08	27.08	100m:		56.30	29.22	
47.				2003			56.47	504
	50m:	27.14	27.14	100m:		56.47	29.33	
48.				2003			56.72	497
	50m:	27.04	27.04	100m:		56.72	29.68	
49.				2001			56.73	497
	50m:	27.10	27.10	100m:		56.73	29.63	
50.				2002			56.75	496
	50m:	27.31	27.31	100m:		56.75	29.44	
51.				2003			56.80	495
	50m:	27.18	27.18	100m:		56.80	29.62	
52.				2003	I		56.85	493
	50m:	27.12	27.12	100m:		56.85	29.73	
53.				2002	I		56.89	492
	50m:	27.47	27.47	100m:		56.89	29.42	
54.				2003			57.29	482
	50m:	27.54	27.54	100m:		57.29	29.75	
55.				2003	I		57.32	481
	50m:	27.59	27.59	100m:		57.32	29.73	
56.				2002	I		57.38	480
	50m:	27.24	27.24	100m:		57.38	30.14	
				2003			57.38	480
	50m:	27.51	27.51	100m:		57.38	29.87	
58.				2002			57.50	477
	50m:	27.86	27.86	100m:		57.50	29.64	
59.				2002	I		57.65	473
	50m:	28.20	28.20	100m:		57.65	29.45	
60.				2002	I		58.13	462
	50m:	27.89	27.89	100m:		58.13	30.24	
61.				2001	I		58.53	452
	50m:	27.47	27.47	100m:		58.53	31.06	

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	21,	, 100m	,				R.T.	FINA
62.				2003	I		58.58	451
	50m:	27.64	27.64	100m:		58.58 30.94		
63.				2001			58.61	450
	50m:	28.30	28.30	100m:		58.61 30.31		
64.				2003	I		58.83	445
	50m:	28.43	28.43	100m:		58.83 30.40		
65.				2003	I		59.70	426
	50m:	27.87	27.87	100m:		59.70 31.83		
66.				2003	I		1:00.21	415
	50m:	29.50	29.50	100m:		1:00.21 30.71		
67.				2001			1:00.32	413
	50m:	29.04	29.04	100m:		1:00.32 31.28		
68.				2002			1:00.49	410
	50m:	28.86	28.86	100m:		1:00.49 31.63		
69.				2003	I		1:01.86	383
	50m:	29.75	29.75	100m:		1:01.86 32.11		
DNS				2003	I			

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, 16 - 19 2018

	21,		, 100m				R.T.	FINA
EXH				2000	-		52.77	617
	50m:	25.26	25.26	100m:	52.77	27.51		
EXH				2003	-		53.48	593
	50m:	25.56	25.56	100m:	53.48	27.92		
EXH				2001	-		55.17 	540
	50m:	26.61	26.61	100m:	55.17	28.56		
EXH				2001	-		55.41 	533
	50m:	26.63	26.63	100m:	55.41	28.78		

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18.10.2018 - 10:20

, 200m

				1:52.46					(ISR)	05.12.2015			
				1:56.12						12.11.2015			
: FINA 2018													
				/					R.T.	FINA			
1.				1997	-	-			1:58.31			813	
	50m:	28.28	28.28	100m:	58.07	29.79	150m:	1:28.37	30.30	200m:	1:58.31	29.94	
2.				2002					2:04.62			695	
	50m:	28.63	28.63	100m:	59.95	31.32	150m:	1:31.62	31.67	200m:	2:04.62	33.00	
3.				2001					2:04.75			693	
	50m:	29.48	29.48	100m:	1:01.00	31.52	150m:	1:32.95	31.95	200m:	2:04.75	31.80	
4.				2004					2:07.20			654	
	50m:	29.72	29.72	100m:	1:01.79	32.07	150m:	1:34.18	32.39	200m:	2:07.20	33.02	
5.				2002					2:07.82			644	
	50m:	28.72	28.72	100m:	1:00.98	32.26	150m:	1:34.28	33.30	200m:	2:07.82	33.54	
6.				1996					2:09.31			622	
	50m:	30.60	30.60	100m:	1:03.50	32.90	150m:	1:36.45	32.95	200m:	2:09.31	32.86	
7.				2002					2:09.53			619	
	50m:	30.01	30.01	100m:	1:03.04	33.03	150m:	1:36.34	33.30	200m:	2:09.53	33.19	
8.				2000					2:10.12			611	
	50m:	29.48	29.48	100m:	1:02.36	32.88	150m:	1:36.46	34.10	200m:	2:10.12	33.66	
9.				2003					2:10.17			610	
	50m:	30.18	30.18	100m:	1:03.28	33.10	150m:	1:37.05	33.77	200m:	2:10.17	33.12	
10.				2003					2:12.41			580	
	50m:	30.38	30.38	100m:	1:03.11	32.73	150m:	1:37.46	34.35	200m:	2:12.41	34.95	
11.				2003					2:12.95			573	
	50m:	30.74	30.74	100m:	1:04.52	33.78	150m:	1:39.44	34.92	200m:	2:12.95	33.51	
12.				2004					2:13.03			572	
	50m:	30.91	30.91	100m:	1:05.05	34.14	150m:	1:39.51	34.46	200m:	2:13.03	33.52	
13.				2004					2:13.12			570	
	50m:	30.99	30.99	100m:	1:04.76	33.77	150m:	1:39.54	34.78	200m:	2:13.12	33.58	
14.				2003					2:13.16			570	
	50m:	31.81	31.81	100m:	1:04.95	33.14	150m:	1:39.13	34.18	200m:	2:13.16	34.03	
15.				2001					2:13.94			560	
	50m:	31.30	31.30	100m:	1:04.63	33.33	150m:	1:39.63	35.00	200m:	2:13.94	34.31	
16.				2004					2:13.95			560	
	50m:	31.88	31.88	100m:	1:05.88	34.00	150m:	1:40.72	34.84	200m:	2:13.95	33.23	
17.				2003					2:13.98			559	
	50m:	31.19	31.19	100m:	1:05.41	34.22	150m:	1:39.87	34.46	200m:	2:13.98	34.11	
18.				2003					2:15.08			546	
	50m:	29.80	29.80	100m:	1:02.96	33.16	150m:	1:38.79	35.83	200m:	2:15.08	36.29	
19.				2002					2:15.09			546	
	50m:	31.61	31.61	100m:	1:05.61	34.00	150m:	1:40.68	35.07	200m:	2:15.09	34.41	

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22, , 200m								R.T.		FINA		
20.			/	2003						2:15.20		544
	50m:	31.23	31.23	100m:	1:04.88	33.65	150m:	1:38.98	34.10	200m:	2:15.20	36.22
				2005						2:15.20		544
	50m:	31.11	31.11	100m:	1:05.43	34.32	150m:	1:40.42	34.99	200m:	2:15.20	34.78
22.				2005						2:15.44		542
	50m:	31.72	31.72	100m:	1:05.38	33.66	150m:	1:40.81	35.43	200m:	2:15.44	34.63
				2003						2:15.44		542
	50m:	30.95	30.95	100m:	1:04.99	34.04	150m:	1:40.54	35.55	200m:	2:15.44	34.90
24.				2002						2:16.03		535
	50m:	31.14	31.14	100m:	1:04.92	33.78	150m:	1:40.13	35.21	200m:	2:16.03	35.90
25.				2002						2:17.06		523
	50m:	31.23	31.23	100m:	1:06.20	34.97	150m:	1:41.68	35.48	200m:	2:17.06	35.38
26.				2004						2:17.64		516
	50m:	31.24	31.24	100m:	1:05.95	34.71	150m:	1:42.00	36.05	200m:	2:17.64	35.64
27.				2003						2:17.98		512
	50m:	31.42	31.42	100m:	1:06.27	34.85	150m:	1:42.68	36.41	200m:	2:17.98	35.30
28.				2002						2:18.71		504
	50m:	31.34	31.34	100m:	1:06.15	34.81	150m:	1:43.09	36.94	200m:	2:18.71	35.62
29.				2002						2:18.98		501
	50m:	31.26	31.26	100m:	1:06.32	35.06	150m:	1:42.53	36.21	200m:	2:18.98	36.45
30.				2002						2:20.23		488
	50m:	32.42	32.42	100m:	1:07.72	35.30	150m:	1:44.18	36.46	200m:	2:20.23	36.05
31.				2004						2:20.34		487
	50m:	32.78	32.78	100m:	1:08.59	35.81	150m:	1:44.90	36.31	200m:	2:20.34	35.44
32.				2004						2:20.71		483
	50m:	32.33	32.33	100m:	1:08.68	36.35	150m:	1:45.25	36.57	200m:	2:20.71	35.46
33.				2005						2:20.74		483
	50m:	33.28	33.28	100m:	1:09.59	36.31	150m:	1:45.84	36.25	200m:	2:20.74	34.90
34.				2002						2:20.92		481
	50m:	31.65	31.65	100m:	1:06.67	35.02	150m:	1:44.11	37.44	200m:	2:20.92	36.81
35.				2005						2:21.95		470
	50m:	32.91	32.91	100m:	1:08.84	35.93	150m:	1:46.27	37.43	200m:	2:21.95	35.68
36.				2004						2:22.26		467
	50m:	32.05	32.05	100m:	1:07.47	35.42	150m:	1:44.13	36.66	200m:	2:22.26	38.13
37.				2001						2:22.64		464
	50m:	32.25	32.25	100m:	1:08.50	36.25	150m:	1:46.22	37.72	200m:	2:22.64	36.42
38.				2004						2:23.30		457
	50m:	32.77	32.77	100m:	1:08.31	35.54	150m:	1:45.94	37.63	200m:	2:23.30	37.36
39.				2004						2:27.94		415
	50m:	32.48	32.48	100m:	1:09.83	37.35	150m:	1:49.05	39.22	200m:	2:27.94	38.89
40.				2004						2:31.44		387
	50m:	34.56	34.56	100m:	1:12.84	38.28	150m:	1:52.27	39.43	200m:	2:31.44	39.17

ALT-Timing

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, 16 - 19 2018

22, , 200m

DSQ / R.T. FINA
DSQ 2003 I
DSQ 2005 I



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22, , 200m

EXH				/					R.T.		FINA	
			2004		-					2:19.83		492
	50m:	30.08	30.08	100m:	1:04.45	34.37	150m:	1:42.18	37.73	200m:	2:19.83	37.65

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23
18.10.2018 - 10:35

, 200m

				2:01.11						(DEN)	14.12.2017	
				2:03.57							10.11.2015	
: FINA 2018												
				/						R.T.	FINA	
1.				2001						2:19.00		650
	50m:	32.19	32.19	100m:	1:07.30	35.11	150m:	1:43.04	35.74	200m:	2:19.00	35.96
2.				1993						2:19.90		638
	50m:	30.81	30.81	100m:	1:05.40	34.59	150m:	1:41.39	35.99	200m:	2:19.90	38.51
3.				2001						2:20.59		628
	50m:	31.84	31.84	100m:	1:07.34	35.50	150m:	1:43.84	36.50	200m:	2:20.59	36.75
4.				2002						2:21.66		614
	50m:	31.48	31.48	100m:	1:06.23	34.75	150m:	1:43.00	36.77	200m:	2:21.66	38.66
5.				1997						2:21.90		611
	50m:	33.02	33.02	100m:	1:09.56	36.54	150m:	1:45.13	35.57	200m:	2:21.90	36.77
6.				2002						2:22.14		608
	50m:	31.88	31.88	100m:	1:07.22	35.34	150m:	1:43.86	36.64	200m:	2:22.14	38.28
7.				2002						2:23.10		596
	50m:	31.99	31.99	100m:	1:07.94	35.95	150m:	1:45.12	37.18	200m:	2:23.10	37.98
8.				2003						2:23.39		592
	50m:	32.49	32.49	100m:	1:08.03	35.54	150m:	1:45.43	37.40	200m:	2:23.39	37.96
9.				2002						2:24.07		584
	50m:	32.20	32.20	100m:	1:08.80	36.60	150m:	1:46.25	37.45	200m:	2:24.07	37.82
10.				2000						2:26.99		550
	50m:	32.22	32.22	100m:	1:08.40	36.18	150m:	1:46.94	38.54	200m:	2:26.99	40.05
11.				2002						2:27.37		545
	50m:	33.28	33.28	100m:	1:09.81	36.53	150m:	1:48.12	38.31	200m:	2:27.37	39.25
12.				2002						2:27.56		543
	50m:	32.88	32.88	100m:	1:09.33	36.45	150m:	1:47.84	38.51	200m:	2:27.56	39.72
13.				2002						2:27.67		542
	50m:	33.35	33.35	100m:	1:11.40	38.05	150m:	1:49.17	37.77	200m:	2:27.67	38.50
14.				2003						2:27.76		541
	50m:	33.67	33.67	100m:	1:11.41	37.74	150m:	1:49.20	37.79	200m:	2:27.76	38.56
15.				2002						2:31.38		503
	50m:	32.45	32.45	100m:	1:09.63	37.18	150m:	1:49.89	40.26	200m:	2:31.38	41.49
16.				2003						2:34.15		476
	50m:	33.47	33.47	100m:	1:12.13	38.66	150m:	1:52.73	40.60	200m:	2:34.15	41.42
17.				2001						2:34.36		475
	50m:	34.90	34.90	100m:	1:14.30	39.40	150m:	1:54.09	39.79	200m:	2:34.36	40.27
18.				2002						2:36.83		452
	50m:	34.23	34.23	100m:	1:13.47	39.24	150m:	1:54.64	41.17	200m:	2:36.83	42.19
19.				2001						2:38.92		435
	50m:	33.89	33.89	100m:	1:13.98	40.09	150m:	1:56.24	42.26	200m:	2:38.92	42.68

ALT-Timing

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23, , 200m

EXH			/					R.T.		FINA	
			2003		-				2:36.10	459	
50m:	34.24	34.24	100m:	1:14.37	40.13	150m:	1:55.47	41.10	200m:	2:36.10	40.63

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24
18.10.2018 - 10:48

, 100m

				56.36			(TUR)	11.12.2009
				57.29			-	20.12.2014
: FINA 2018								
			/				R.T.	FINA
1.			2000				1:00.98	734
	50m:	29.57		100m:	1:00.98	31.41		
2.			1998				1:03.75	643
	50m:	30.97		100m:	1:03.75	32.78		
3.			2004				1:04.29	627
	50m:	31.42		100m:	1:04.29	32.87		
4.			2001				1:04.41	623
	50m:	30.93		100m:	1:04.41	33.48		
5.			2002				1:04.58	618
	50m:	31.63		100m:	1:04.58	32.95		
6.			2002				1:05.16	602
	50m:	31.41		100m:	1:05.16	33.75		
7.			2002				1:05.20	601
	50m:	31.66		100m:	1:05.20	33.54		
8.			2002				1:05.60	590
	50m:	31.40		100m:	1:05.60	34.20		
9.			2005				1:05.75	586
	50m:	31.79		100m:	1:05.75	33.96		
10.			2002				1:06.11	576
	50m:	31.77		100m:	1:06.11	34.34		
11.			2002				1:06.21	574
	50m:	31.49		100m:	1:06.21	34.72		
12.			2001				1:06.58	564
	50m:	32.49		100m:	1:06.58	34.09		
13.			2002				1:07.58	539
	50m:	32.22		100m:	1:07.58	35.36		
14.			2004				1:07.81	534
	50m:	32.68		100m:	1:07.81	35.13		
			2002				1:07.81	534
	50m:	32.80		100m:	1:07.81	35.01		
16.			2001				1:07.83	533
	50m:	32.50		100m:	1:07.83	35.33		
17.			2004 I				1:08.03	529
	50m:	32.20		100m:	1:08.03	35.83		
18.			2003				1:08.20	525
	50m:	32.02		100m:	1:08.20	36.18		
19.			2002				1:08.22	524
	50m:	33.06		100m:	1:08.22	35.16		

ALT-Timing

24,		, 100m				R.T.	FINA		
		/							
20.	50m:	33.72	33.72	2005	100m:	1:08.50	34.78	1:08.50	518
21.	50m:	32.90	32.90	2004	100m:	1:08.91	36.01	1:08.91	509
22.	50m:	33.40	33.40	2003	100m:	1:08.98	35.58	1:08.98	507
23.	50m:	33.21	33.21	2003	100m:	1:09.14	35.93	1:09.14	504
24.	50m:	32.91	32.91	2005	100m:	1:09.20	36.29	1:09.20	502
25.	50m:	33.24	33.24	2004	100m:	1:09.23	35.99	1:09.23	502
26.	50m:	33.03	33.03	2004	100m:	1:09.37	36.34	1:09.37	499
27.	50m:	34.09	34.09	2004	100m:	1:09.75	35.66	1:09.75	491
28.	50m:	34.73	34.73	2002	100m:	1:10.90	36.17	1:10.90	467
29.	50m:	33.65	33.65	2005	100m:	1:11.39	37.74	1:11.39	458
30.	50m:	34.41	34.41	2004	100m:	1:11.41	37.00	1:11.41	457
31.	50m:	35.61	35.61	2004	100m:	1:11.45	35.84	1:11.45	456
32.	50m:	35.34	35.34	2003	100m:	1:12.22	36.88	1:12.22	442
33.	50m:	35.27	35.27	2004	100m:	1:13.57	38.30	1:13.57	418
34.	50m:	35.15	35.15	2004	100m:	1:13.75	38.60	1:13.75	415

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24, , 100m

			/				R.T.		FINA	
EXH			2004		-			1:09.28		501
	50m:	33.49	33.49	100m:	1:09.28	35.79				
EXH			2004		-			1:11.61		453
	50m:	34.16	34.16	100m:	1:11.61	37.45				

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18.10.2018 - 10:55

, 200m

				1:46.11						(GER)	15.11.2009
				1:48.02						(DEN)	22.11.2017
: FINA 2018											
				/						R.T.	FINA
1.				2001						1:58.90	701
	50m:	27.57	27.57	100m:	58.10	30.53	150m:	1:28.48	30.38	200m:	1:58.90 30.42
2.				1996						2:01.96	649
	50m:	28.79	28.79	100m:	1:00.93	32.14	150m:	1:31.53	30.60	200m:	2:01.96 30.43
3.				2001						2:03.28	629
	50m:	28.73	28.73	100m:	59.91	31.18	150m:	1:32.71	32.80	200m:	2:03.28 30.57
4.				2002						2:05.85	591
	50m:	29.07	29.07	100m:	1:00.98	31.91	150m:	1:34.02	33.04	200m:	2:05.85 31.83
5.				1999						2:06.47	582
	50m:	29.19	29.19	100m:	1:00.53	31.34	150m:	1:32.99	32.46	200m:	2:06.47 33.48
6.				1999						2:06.53	581
	50m:	28.89	28.89	100m:	1:00.72	31.83	150m:	1:33.56	32.84	200m:	2:06.53 32.97
7.				2002						2:06.56	581
	50m:	29.64	29.64	100m:	1:01.60	31.96	150m:	1:34.81	33.21	200m:	2:06.56 31.75
8.				2002						2:06.65	580
	50m:	29.87	29.87	100m:	1:01.59	31.72	150m:	1:34.13	32.54	200m:	2:06.65 32.52
9.				1994						2:06.68	579
	50m:	29.58	29.58	100m:	1:02.08	32.50	150m:	1:34.50	32.42	200m:	2:06.68 32.18
10.				2001						2:06.80	578
	50m:	29.29	29.29	100m:	1:01.05	31.76	150m:	1:34.61	33.56	200m:	2:06.80 32.19
11.				2001						2:09.93	537
	50m:	29.90	29.90	100m:	1:03.09	33.19	150m:	1:36.96	33.87	200m:	2:09.93 32.97
12.				1999						2:11.91	513
	50m:	30.11	30.11	100m:	1:02.36	32.25	150m:	1:36.63	34.27	200m:	2:11.91 35.28
13.				2003						2:11.92	513
	50m:	30.58	30.58	100m:	1:04.02	33.44	150m:	1:38.01	33.99	200m:	2:11.92 33.91
14.				2003						2:12.24	509
	50m:	29.88	29.88	100m:	1:03.34	33.46	150m:	1:38.40	35.06	200m:	2:12.24 33.84
15.				2002						2:14.30	486
	50m:	30.32	30.32	100m:	1:03.31	32.99	150m:	1:38.79	35.48	200m:	2:14.30 35.51
16.				2001						2:15.03	478
	50m:	31.34	31.34	100m:	1:05.24	33.90	150m:	1:40.23	34.99	200m:	2:15.03 34.80
17.				2003						2:15.43	474
	50m:	31.64	31.64	100m:	1:05.70	34.06	150m:	1:40.66	34.96	200m:	2:15.43 34.77
18.				2003						2:17.76	450
	50m:	31.78	31.78	100m:	1:06.00	34.22	150m:	1:41.48	35.48	200m:	2:17.76 36.28
19.				2002						2:17.82	450
	50m:	30.91	30.91	100m:	1:05.27	34.36	150m:	1:41.18	35.91	200m:	2:17.82 36.64

ALT-Timing

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26
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, 100m

				1:02.91			03.09.2016
				1:05.53			05.12.2014
: FINA 2018					(QAT)		
			/			R.T.	FINA
1.	50m:	33.07	33.07	1999	100m:	1:10.75	684
						1:10.75	
2.	50m:	33.59	33.59	2003	100m:	1:12.70	631
						1:12.70	
3.	50m:	33.98	33.98	2001	100m:	1:12.79	628
						1:12.79	
4.	50m:	34.70	34.70	2002	100m:	1:14.15	594
						1:14.15	
5.	50m:	35.07	35.07	1997	100m:	1:14.68	582
						1:14.68	
6.	50m:	34.77	34.77	2001	100m:	1:14.73	581
						1:14.73	
7.	50m:	35.36	35.36	1997	100m:	1:14.91	576
						1:14.91	
8.	50m:	34.71	34.71	2004	100m:	1:15.08	572
						1:15.08	
9.	50m:	35.88	35.88	2005	100m:	1:15.10	572
						1:15.10	
10.	50m:	35.43	35.43	1999	100m:	1:15.29	568
						1:15.29	
11.	50m:	36.09	36.09	2004	100m:	1:15.82	556
						1:15.82	
12.	50m:	35.46	35.46	2002	100m:	1:16.06	551
						1:16.06	
13.	50m:	36.08	36.08	2002	100m:	1:16.59	539
						1:16.59	
14.	50m:	36.18	36.18	2001	100m:	1:17.16	527
						1:17.16	
15.	50m:	36.98	36.98	2005	100m:	1:18.15	508
						1:18.15	
16.	50m:	36.77	36.77	2003	100m:	1:18.23	506
						1:18.23	
17.	50m:	37.32	37.32	2004	100m:	1:18.39	503
						1:18.39	
18.	50m:	37.08	37.08	2005	100m:	1:18.51	501
						1:18.51	
19.	50m:	37.21	37.21	1999	100m:	1:18.92	493
						1:18.92	

ALT-Timing

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26,		, 100m				R.T.	FINA
		/					
20.	50m:	37.48	37.48	2004	100m: 1:18.95	41.47	1:18.95 492
21.	50m:	36.88	36.88	2005	100m: 1:19.07	42.19	1:19.07 490
22.	50m:	37.38	37.38	2001	100m: 1:19.14	41.76	1:19.14 489
23.	50m:	36.99	36.99	2003	100m: 1:19.49	42.50	1:19.49 482
24.	50m:	38.45	38.45	2005	100m: 1:22.67	44.22	1:22.67 429
25.	50m:	38.10	38.10	2001	100m: 1:22.92	44.82	1:22.92 425
26.	50m:	39.12	39.12	2004	100m: 1:23.02	43.90	1:23.02 423
27.	50m:	39.60	39.60	2002	100m: 1:23.36	43.76	1:23.36 418
28.	50m:	39.65	39.65	2004	100m: 1:24.05	44.40	1:24.05 408
29.	50m:	40.16	40.16	2003	100m: 1:24.88	44.72	1:24.88 396
DSQ				2003			
DSQ				2003			

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26, , 100m

EXH			/				R.T.		FINA
	50m:	37.30	37.30	2004	100m:	1:17.63	40.33	1:17.63 	518

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27
18.10.2018 - 11:17

, 100m

				50.26			(NED)	28.09.2018
				52.10			-1	21.11.2017
: FINA 2018								
				/			R.T.	FINA
1.				2002			57.44	671
	50m:	26.27	26.27	100m:	57.44	31.17		
2.				1998			57.46	670
	50m:	26.08	26.08	100m:	57.46	31.38		
3.				2001			58.36	640
	50m:	26.87	26.87	100m:	58.36	31.49		
4.				2002			58.58	633
	50m:	27.32	27.32	100m:	58.58	31.26		
5.				1997			58.60	632
	50m:	27.23	27.23	100m:	58.60	31.37		
6.				1999			58.71	628
	50m:	26.33	26.33	100m:	58.71	32.38		
7.				2001			58.96	620
	50m:	27.56	27.56	100m:	58.96	31.40		
8.				2002			59.33	609
	50m:	27.17	27.17	100m:	59.33	32.16		
9.				1995			59.88	592
	50m:	27.43	27.43	100m:	59.88	32.45		
10.				2000			1:00.47	575
	50m:	27.81	27.81	100m:	1:00.47	32.66		
11.				2001			1:00.65	570
	50m:	28.26	28.26	100m:	1:00.65	32.39		
12.				2002			1:00.76	567
	50m:	27.99	27.99	100m:	1:00.76	32.77		
13.				2002			1:00.90	563
	50m:	28.75	28.75	100m:	1:00.90	32.15		
14.				2002			1:01.00	560
	50m:	28.19	28.19	100m:	1:01.00	32.81		
15.				2003			1:01.37	550
	50m:	28.31	28.31	100m:	1:01.37	33.06		
16.				2003			1:01.56	545
	50m:	29.09	29.09	100m:	1:01.56	32.47		
17.				2003			1:01.67	542
	50m:	29.15	29.15	100m:	1:01.67	32.52		
18.				2001			1:01.92	536
	50m:	28.78	28.78	100m:	1:01.92	33.14		
19.				1998			1:01.95	535
	50m:	28.76	28.76	100m:	1:01.95	33.19		

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	27,		, 100m				R.T.	FINA
20.				2003			1:01.98	534
	50m:	29.42	29.42	100m:	1:01.98	32.56		
21.				2003			1:02.08	531
	50m:	28.04	28.04	100m:	1:02.08	34.04		
22.				2003			1:02.14	530
	50m:	28.54	28.54	100m:	1:02.14	33.60		
23.				2002			1:02.20	528
	50m:	28.52	28.52	100m:	1:02.20	33.68		
24.				2003			1:02.26	527
	50m:	29.56	29.56	100m:	1:02.26	32.70		
25.				2002			1:02.36	524
	50m:	28.76	28.76	100m:	1:02.36	33.60		
26.				2001			1:02.44	522
	50m:	28.66	28.66	100m:	1:02.44	33.78		
27.				2002			1:02.53	520
	50m:	28.45	28.45	100m:	1:02.53	34.08		
28.				2003			1:02.56	519
	50m:	28.95	28.95	100m:	1:02.56	33.61		
29.				2003			1:02.90	511
	50m:	29.25	29.25	100m:	1:02.90	33.65		
30.				2003			1:03.00	508
	50m:	29.60	29.60	100m:	1:03.00	33.40		
31.				2001			1:03.11	506
	50m:	29.15	29.15	100m:	1:03.11	33.96		
32.				2002			1:03.32	501
	50m:	28.90	28.90	100m:	1:03.32	34.42		
33.				2003			1:03.44	498
	50m:	29.42	29.42	100m:	1:03.44	34.02		
34.				2002			1:03.50	497
	50m:	30.63	30.63	100m:	1:03.50	32.87		
35.				2001			1:03.60	494
	50m:	28.58	28.58	100m:	1:03.60	35.02		
36.				2001			1:03.63	493
	50m:	29.26	29.26	100m:	1:03.63	34.37		
37.				2003			1:03.96	486
	50m:	29.51	29.51	100m:	1:03.96	34.45		
38.				2003			1:04.28	479
	50m:	30.61	30.61	100m:	1:04.28	33.67		
39.				2003			1:04.57	472
	50m:	28.74	28.74	100m:	1:04.57	35.83		
40.				2003			1:04.78	468
	50m:	30.03	30.03	100m:	1:04.78	34.75		

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	27,		, 100m				R.T.	FINA
41.				2003			1:04.83	467
	50m:	29.57	29.57	100m:	1:04.83	35.26		
42.				2002			1:04.94	464
	50m:	29.61	29.61	100m:	1:04.94	35.33		
43.				2002			1:05.14	460
	50m:	31.24	31.24	100m:	1:05.14	33.90		
44.				2002			1:05.38	455
	50m:	31.47	31.47	100m:	1:05.38	33.91		
45.				2001			1:05.59	451
	50m:	30.68	30.68	100m:	1:05.59	34.91		
				2002			1:05.59	451
	50m:	29.53	29.53	100m:	1:05.59	36.06		
47.				2002			1:05.72	448
	50m:	31.43	31.43	100m:	1:05.72	34.29		
48.				2001			1:05.99	442
	50m:	31.13	31.13	100m:	1:05.99	34.86		
49.				2003			1:06.24	437
	50m:	31.80	31.80	100m:	1:06.24	34.44		
50.				2003			1:06.25	437
	50m:	30.58	30.58	100m:	1:06.25	35.67		
51.				2003			1:06.27	437
	50m:	31.25	31.25	100m:	1:06.27	35.02		
52.				2002			1:06.47	433
	50m:	30.93	30.93	100m:	1:06.47	35.54		
53.				2002			1:06.64	430
	50m:	32.17	32.17	100m:	1:06.64	34.47		
54.				2002			1:07.07	421
	50m:	31.27	31.27	100m:	1:07.07	35.80		
55.				2003			1:07.17	419
	50m:	30.23	30.23	100m:	1:07.17	36.94		
56.				2001			1:07.68	410
	50m:	32.68	32.68	100m:	1:07.68	35.00		
57.				2003			1:08.49	396
	50m:	32.56	32.56	100m:	1:08.49	35.93		
58.				2002			1:08.50	395
	50m:	32.84	32.84	100m:	1:08.50	35.66		
59.				2003			1:08.95	388
	50m:	32.48	32.48	100m:	1:08.95	36.47		
60.				2002			1:09.00	387
	50m:	31.45	31.45	100m:	1:09.00	37.55		

ALT-Timing

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27, , 100m

EXH			/				R.T.	FINA	
	50m:	28.37	28.37	2003 I	100m:	1:01.65	33.28	1:01.65	543

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18.10.2018 - 11:29

, 50m

22.27
22.93

(DEN)

14.11.2009
08.11.2016

: FINA 2018

	/	R.T.	FINA
1.	2001	24.40	713
2.	2001	25.51	624
3.	1989	25.84	600
4.	2003	26.13	580
5.	2001	26.16	578
6.	2003	26.81	537
	2001	26.81	537
8.	2001	26.99	526
9.	2002	27.00	526
10.	2002	27.12	519
11.	1993	27.14	518
12.	2003	27.24	512
13.	2002	27.25	512
14.	2001	27.28	510
15.	2003	27.39	504
16.	1995	27.52	497
17.	2002	27.61	492
18.	2002	27.66	489
19.	2001	27.82	481
20.	2002	27.88	478
21.	2002	28.03	470
22.	2001	28.11	466
	2002	28.11	466
24.	2003	28.16	463
25.	2002	28.46	449
26.	2003	28.56	444
27.	2003	28.77	435
28.	2001	29.19	416
29.	2001	31.05	346
DSQ	2003	-	
DNS	2003		

ALT-Timing

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, 16 - 19 2018

28, , 50m

	/		R.T.	FINA
EXH	2000	-	26.15	579
EXH	2001	-	28.13	465

, 16 - 19 2018

29 , 50m
18.10.2018 - 11:33

25.71	(ISR)	03.12.2015
26.03	(DEN)	13.12.2013

: FINA 2018

	/	R.T.	FINA
1.	2000	27.72	680
2.	1998	27.96	662
3.	2002	27.97	662
4.	2005	28.20	646
5.	2002	28.96	596
6.	2001	29.33	574
7.	2001	29.39	570
8.	2001	29.62	557
9.	1997	30.03	535
10.	2004	30.14	529
11.	1999	30.36	517
12.	2000	30.52	509
13.	2002	30.58	506
14.	2003	30.68	501
15.	2002	30.81	495
16.	2002	30.91	490
17.	2004	30.94	489
	2003	30.94	489
19.	1997	30.97	487
20.	2005	30.99	486
21.	2005	31.15	479
22.	2002	31.25	474
23.	2003	31.30	472
24.	2001	31.50	463
25.	2003	31.57	460
26.	2003	31.71	454
27.	2003	31.73	453
	2003	31.73	453
29.	2002	32.03	440
30.	2004	32.11	437
31.	2001	32.12	437
32.	2004	32.15	436
33.	2003	32.18	434
34.	2003	32.29	430
35.	2001	32.42	425
36.	2004	32.67	415
37.	2005	33.17	397
38.	2004	33.22	395
39.	2004	33.58	382
40.	2004	33.77	376
41.	2003	33.82	374
42.	2001	33.89	372

ALT-Timing

25

-
, 16 - 19 2018

29, , 50m ,

43.	/	R.T.	FINA
DSQ	2005	34.11	365
DNS	2002		
DNS	2001		
DNS	2004		

, 16 - 19 2018

29, , 50m

	/		R.T.		FINA
EXH	2004	-		30.44	513
EXH	2004	-		32.28	430

, 16 - 19 2018

30 , 4 x 50m
18.10.2018 - 11:39

1:22.60 RUS (QAT) 06.12.2014
1:27.92 13.12.2014

: FINA 2018

				R.T.	FINA
1.	1	/		1:34.37	670
		01	24.17	01	23.18
		89	24.01	94	23.01
2.				1:34.65	664
		01	24.62	02	23.03
		00	24.69	01	22.31
3.				1:35.07	655
		02	23.83	95	23.79
		01	23.68	02	23.77
4.	2			1:36.21	632
		01	24.12	99	23.80
		98	24.43	96	23.86
5.				1:37.07	616
		02	23.84	00	24.56
		01	24.27	01	24.40
6.				1:37.45	608
		01	24.23	01	24.49
		02	25.22	94	23.51
7.				1:40.39	557
		02	25.16	02	25.17
		02	25.68	02	24.38
8.				1:40.51	555
		03	25.41	03	25.27
		03	25.19	01	24.64
9.				1:40.91	548
		01	26.95	03	25.91
		02	23.95	03	24.10

, 16 - 19 2018

31 , 4 x 50m
18.10.2018 - 11:41

1:36.59 (DEN) 15.12.2017
1:41.62 14.12.2014

: FINA 2018

	/		R.T.	FINA
1.			1:46.38	687
	02	27.33	98	26.09
	02	26.28	01	26.68
2.			1:46.45	686
	00	26.15	01	26.74
	02	26.29	01	27.27
3.	1		1:47.35	669
	02	26.58	96	28.14
	03	26.79	97	25.84
4.	2		1:48.61	646
	97	28.02	05	27.62
	02	26.63	04	26.34
5.			1:48.65	645
	00	26.87	99	26.71
	04	27.82	02	27.25
6.			1:51.29	600
	02	26.87	03	28.21
	02	28.17	02	28.04
7.			1:52.79	577
	05	27.05	05	28.46
	03	29.27	03	28.01
8.			1:56.33	526
	02	29.22	02	29.50
	03	29.05	02	28.56
9.			1:56.70	521
	03	28.56	04	29.39
	01	29.72	01	29.03
10.			1:58.58	496
	03	29.55	04	30.48
	03	29.60	04	28.95

ALT-Timing

32 , 1500m
18.10.2018 - 11:5616:17.02
17:12.98

15.03.2002

: FINA 2018

	/			R.T.						FINA		
1.	1996			17:14.96						701		
	50m:	31.60	31.60	400m:	4:33.67	1:09.56	800m:	9:10.37	1:09.00	1200m:	13:47.62	1:09.74
	100m:	1:05.80	34.20	500m:	5:42.91	1:09.24	900m:	10:19.62	1:09.25	1300m:	14:57.41	1:09.79
	200m:	2:14.82	1:09.02	600m:	6:52.09	1:09.18	1000m:	11:28.80	1:09.18	1400m:	16:07.03	1:09.62
	300m:	3:24.11	1:09.29	700m:	8:01.37	1:09.28	1100m:	12:37.88	1:09.08	1500m:	17:14.96	1:07.93
2.	2001			17:26.06						679		
	50m:	32.30	32.30	400m:	4:36.96	1:09.69	800m:	9:16.90	1:10.57	1200m:	13:58.64	1:10.50
	100m:	1:07.61	35.31	500m:	5:46.43	1:09.47	900m:	10:27.29	1:10.39	1300m:	15:08.61	1:09.97
	200m:	2:17.64	1:10.03	600m:	6:55.89	1:09.46	1000m:	11:37.83	1:10.54	1400m:	16:18.53	1:09.92
	300m:	3:27.27	1:09.63	700m:	8:06.33	1:10.44	1100m:	12:48.14	1:10.31	1500m:	17:26.06	1:07.53
3.	2002			17:40.11						652		
	50m:	32.89	32.89	400m:	4:36.99	1:09.89	800m:	9:17.36	1:10.99	1200m:	14:00.64	1:10.79
	100m:	1:08.04	35.15	500m:	5:46.04	1:09.05	900m:	10:28.23	1:10.87	1300m:	15:12.51	1:11.87
	200m:	2:17.61	1:09.57	600m:	6:55.62	1:09.58	1000m:	11:38.94	1:10.71	1400m:	16:26.85	1:14.34
	300m:	3:27.10	1:09.49	700m:	8:06.37	1:10.75	1100m:	12:49.85	1:10.91	1500m:	17:40.11	1:13.26
4.	2005			17:53.33						629		
	50m:	32.45	32.45	400m:	4:42.14	1:12.05	800m:	9:29.66	1:12.01	1200m:	14:18.53	1:12.31
	100m:	1:07.70	35.25	500m:	5:54.58	1:12.44	900m:	10:42.33	1:12.67	1300m:	15:31.17	1:12.64
	200m:	2:18.42	1:10.72	600m:	7:05.96	1:11.38	1000m:	11:54.64	1:12.31	1400m:	16:43.10	1:11.93
	300m:	3:30.09	1:11.67	700m:	8:17.65	1:11.69	1100m:	13:06.22	1:11.58	1500m:	17:53.33	1:10.23
5.	2004			18:03.26						612		
	50m:	31.90	31.90	400m:	4:44.84	1:12.90	800m:	9:36.14	1:13.10	1200m:	14:27.39	1:12.51
	100m:	1:07.38	35.48	500m:	5:57.79	1:12.95	900m:	10:49.04	1:12.90	1300m:	15:40.24	1:12.85
	200m:	2:19.31	1:11.93	600m:	7:10.55	1:12.76	1000m:	12:02.14	1:13.10	1400m:	16:52.41	1:12.17
	300m:	3:31.94	1:12.63	700m:	8:23.04	1:12.49	1100m:	13:14.88	1:12.74	1500m:	18:03.26	1:10.85
6.	2004 I			18:08.49						603		
	50m:	32.94	32.94	400m:	4:46.60	1:12.88	800m:	9:39.33	1:13.08	1200m:	14:30.85	1:13.03
	100m:	1:09.03	36.09	500m:	5:59.93	1:13.33	900m:	10:52.31	1:12.98	1300m:	15:43.82	1:12.97
	200m:	2:21.27	1:12.24	600m:	7:13.07	1:13.14	1000m:	12:05.06	1:12.75	1400m:	16:56.80	1:12.98
	300m:	3:33.72	1:12.45	700m:	8:26.25	1:13.18	1100m:	13:17.82	1:12.76	1500m:	18:08.49	1:11.69
7.	2004			18:09.62						601		
	50m:	33.17	33.17	400m:	4:43.44	1:11.75	800m:	9:32.13	1:12.49	1200m:	14:27.84	1:14.30
	100m:	1:08.65	35.48	500m:	5:55.04	1:11.60	900m:	10:45.60	1:13.47	1300m:	15:43.00	1:15.16
	200m:	2:19.96	1:11.31	600m:	7:07.20	1:12.16	1000m:	11:59.49	1:13.89	1400m:	16:57.94	1:14.94
	300m:	3:31.69	1:11.73	700m:	8:19.64	1:12.44	1100m:	13:13.54	1:14.05	1500m:	18:09.62	1:11.68
8.	2005 I			18:10.93						599		
	50m:	32.56	32.56	400m:	4:46.31	1:13.35	800m:	9:39.26	1:12.88	1200m:	14:32.38	1:13.96
	100m:	1:08.22	35.66	500m:	5:59.70	1:13.39	900m:	10:52.45	1:13.19	1300m:	15:46.27	1:13.89
	200m:	2:21.01	1:12.79	600m:	7:12.93	1:13.23	1000m:	12:05.34	1:12.89	1400m:	17:00.94	1:14.67
	300m:	3:32.96	1:11.95	700m:	8:26.38	1:13.45	1100m:	13:18.42	1:13.08	1500m:	18:10.93	1:09.99
9.	2002			18:12.69						596		
	50m:	31.99	31.99	400m:	4:42.91	1:12.68	800m:	9:37.05	1:14.12	1200m:	14:32.59	1:29.65
	100m:	1:07.15	35.16	500m:	5:56.02	1:13.11	900m:	10:50.73	1:13.68	1300m:	15:47.26	1:14.67
	200m:	2:18.20	1:11.05	600m:	7:09.16	1:13.14	1000m:	12:04.80	1:14.07	1400m:	17:00.98	1:13.72
	300m:	3:30.23	1:12.03	700m:	8:22.93	1:13.77	1100m:	13:02.94	58.14	1500m:	18:12.69	1:11.71

ALT-Timing

32,		, 1500m									R.T.	FINA
10.				2003							18:22.71	580
	50m:	33.54	33.54	400m:	4:49.96	1:12.80	800m:	9:45.29	1:13.89	1200m:	14:43.50	1:14.59
	100m:	1:09.85	36.31	500m:	6:03.33	1:13.37	900m:	10:59.73	1:14.44	1300m:	15:57.79	1:14.29
	200m:	2:23.63	1:13.78	600m:	7:17.08	1:13.75	1000m:	12:14.73	1:15.00	1400m:	17:12.06	1:14.27
	300m:	3:37.16	1:13.53	700m:	8:31.40	1:14.32	1100m:	13:28.91	1:14.18	1500m:	18:22.71	1:10.65
11.				2003							18:31.79	566
	50m:	32.05	32.05	400m:	4:47.28	1:14.08	800m:	9:46.14	1:15.06	1200m:	14:48.13	1:15.08
	100m:	1:07.19	35.14	500m:	6:01.78	1:14.50	900m:	11:01.08	1:14.94	1300m:	16:03.36	1:15.23
	200m:	2:19.38	1:12.19	600m:	7:15.65	1:13.87	1000m:	12:16.80	1:15.72	1400m:	17:18.61	1:15.25
	300m:	3:33.20	1:13.82	700m:	8:31.08	1:15.43	1100m:	13:33.05	1:16.25	1500m:	18:31.79	1:13.18
12.				2002							18:34.13	562
	50m:	33.71	33.71	400m:	4:48.84	1:13.94	800m:	9:48.17	1:15.08	1200m:	14:49.34	1:14.75
	100m:	1:09.61	35.90	500m:	6:03.34	1:14.50	900m:	11:03.67	1:15.50	1300m:	16:04.40	1:15.06
	200m:	2:22.00	1:12.39	600m:	7:17.76	1:14.42	1000m:	12:19.16	1:15.49	1400m:	17:20.43	1:16.03
	300m:	3:34.90	1:12.90	700m:	8:33.09	1:15.33	1100m:	13:34.59	1:15.43	1500m:	18:34.13	1:13.70
13.				2003							18:47.66	542
	50m:	33.47	33.47	400m:	4:54.59	1:15.68	800m:	9:51.56	1:13.95	1200m:	14:58.45	1:17.50
	100m:	1:10.10	36.63	500m:	6:07.61	1:13.02	900m:	11:06.67	1:15.11	1300m:	16:15.18	1:16.73
	200m:	2:24.51	1:14.41	600m:	7:23.05	1:15.44	1000m:	12:23.22	1:16.55	1400m:	17:33.05	1:17.87
	300m:	3:38.91	1:14.40	700m:	8:37.61	1:14.56	1100m:	13:40.95	1:17.73	1500m:	18:47.66	1:14.61
14.				2003							18:48.06	541
	50m:	32.69	32.69	400m:	4:53.39	1:15.15	800m:	9:56.13	1:15.57	1200m:	15:02.62	1:16.38
	100m:	1:09.41	36.72	500m:	6:08.66	1:15.27	900m:	11:12.81	1:16.68	1300m:	16:18.99	1:16.37
	200m:	2:23.87	1:14.46	600m:	7:25.21	1:16.55	1000m:	12:29.61	1:16.80	1400m:	17:35.05	1:16.06
	300m:	3:38.24	1:14.37	700m:	8:40.56	1:15.35	1100m:	13:46.24	1:16.63	1500m:	18:48.06	1:13.01
15.				2003							18:59.81	525
	50m:	33.37	33.37	400m:	4:55.78	1:15.56	800m:	10:01.51	1:17.13	1200m:	15:09.25	1:17.44
	100m:	1:10.14	36.77	500m:	6:11.16	1:15.38	900m:	11:18.23	1:16.72	1300m:	16:26.78	1:17.53
	200m:	2:24.68	1:14.54	600m:	7:27.95	1:16.79	1000m:	12:35.18	1:16.95	1400m:	17:44.16	1:17.38
	300m:	3:40.22	1:15.54	700m:	8:44.38	1:16.43	1100m:	13:51.81	1:16.63	1500m:	18:59.81	1:15.65
16.				2005							19:05.34	517
	50m:	35.10	35.10	400m:	5:00.30	1:15.99	800m:	10:06.43	1:16.26	1200m:	15:15.03	1:18.17
	100m:	1:14.09	38.99	500m:	6:17.04	1:16.74	900m:	11:22.81	1:16.38	1300m:	16:33.24	1:18.21
	200m:	2:29.15	1:15.06	600m:	7:33.38	1:16.34	1000m:	12:40.07	1:17.26	1400m:	17:50.95	1:17.71
	300m:	3:44.31	1:15.16	700m:	8:50.17	1:16.79	1100m:	13:56.86	1:16.79	1500m:	19:05.34	1:14.39
17.				2003							19:26.77	489
	50m:	35.32	35.32	400m:	5:05.48	1:17.28	800m:	10:19.69	1:18.78	1200m:	15:33.93	1:18.62
	100m:	1:13.90	38.58	500m:	6:23.39	1:17.91	900m:	11:38.45	1:18.76	1300m:	16:53.33	1:19.40
	200m:	2:31.14	1:17.24	600m:	7:41.98	1:18.59	1000m:	12:56.85	1:18.40	1400m:	18:12.33	1:19.00
	300m:	3:48.20	1:17.06	700m:	9:00.91	1:18.93	1100m:	14:15.31	1:18.46	1500m:	19:26.77	1:14.44
18.				2003							19:36.66	477
	50m:	32.96	32.96	400m:	5:02.41	1:18.02	800m:	10:19.45	1:19.10	1200m:	15:39.82	1:20.18
	100m:	1:10.37	37.41	500m:	6:21.55	1:19.14	900m:	11:38.97	1:19.52	1300m:	17:00.61	1:20.79
	200m:	2:26.69	1:16.32	600m:	7:40.75	1:19.20	1000m:	12:59.97	1:21.00	1400m:	18:19.68	1:19.07
	300m:	3:44.39	1:17.70	700m:	9:00.35	1:19.60	1100m:	14:19.64	1:19.67	1500m:	19:36.66	1:16.98
19.				2005							20:08.66	440
	50m:	35.80	35.80	400m:	5:18.23	1:21.75	800m:	10:44.08	1:21.39	1200m:	16:08.95	1:21.14
	100m:	1:15.39	39.59	500m:	6:39.77	1:21.54	900m:	12:05.42	1:21.34	1300m:	17:30.84	1:21.89
	200m:	2:34.85	1:19.46	600m:	8:01.16	1:21.39	1000m:	13:27.10	1:21.68	1400m:	18:52.45	1:21.61
	300m:	3:56.48	1:21.63	700m:	9:22.69	1:21.53	1100m:	14:47.81	1:20.71	1500m:	20:08.66	1:16.21

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33 , 100m
19.10.2018 - 10:09

				56.02			(DEN)	15.12.2017
				57.61				09.11.2015
: FINA 2018								
			/				R.T.	FINA
1.			1993				1:03.45	673
	50m:	30.39	30.39	100m:	1:03.45	33.06		
2.			2002				1:04.61	637
	50m:	30.21	30.21	100m:	1:04.61	34.40		
3.			2001				1:05.31	617
	50m:	30.49	30.49	100m:	1:05.31	34.82		
4.			1997				1:05.34	616
	50m:	31.11	31.11	100m:	1:05.34	34.23		
5.			2001				1:05.50	611
	50m:	31.23	31.23	100m:	1:05.50	34.27		
6.			2001				1:05.60	609
	50m:	29.92	29.92	100m:	1:05.60	35.68		
7.			1995				1:05.66	607
	50m:	30.63	30.63	100m:	1:05.66	35.03		
8.			2002				1:05.76	604
	50m:	31.06	31.06	100m:	1:05.76	34.70		
9.			2003				1:05.93	600
	50m:	31.25	31.25	100m:	1:05.93	34.68		
10.			2002				1:05.95	599
	50m:	30.89	30.89	100m:	1:05.95	35.06		
11.			2002				1:06.26	591
	50m:	31.32	31.32	100m:	1:06.26	34.94		
12.			2001				1:06.69	579
	50m:	31.42	31.42	100m:	1:06.69	35.27		
13.			1995				1:07.04	570
	50m:	30.70	30.70	100m:	1:07.04	36.34		
14.			2002				1:08.07	545
	50m:	32.31	32.31	100m:	1:08.07	35.76		
15.			2003				1:08.50	535
	50m:	33.23	33.23	100m:	1:08.50	35.27		
16.			2002				1:08.90	525
	50m:	31.40	31.40	100m:	1:08.90	37.50		
17.			2003				1:09.24	518
	50m:	32.43	32.43	100m:	1:09.24	36.81		
18.			2003				1:09.27	517
	50m:	32.58	32.58	100m:	1:09.27	36.69		
19.			2002				1:09.94	502
	50m:	32.83	32.83	100m:	1:09.94	37.11		

ALT-Timing

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	33,	, 100m	,				R.T.	FINA
20.				2002	I		1:10.25	496
	50m:	32.86	32.86	100m:	1:10.25	37.39		
21.				2001	I		1:10.63	488
	50m:	33.26	33.26	100m:	1:10.63	37.37		
22.				2002	I		1:14.07	423
	50m:	34.31	34.31	100m:	1:14.07	39.76		
DNS				1998				

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33, , 100m

EXH				/			R.T.		FINA
	50m:	31.61	31.61	2003	I	-	1:08.91	I	525
				100m:	1:08.91	37.30			

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34 , 100m
19.10.2018 - 10:15

	56.39	-1	21.11.2017
	56.84	-	22.12.2017

: FINA 2018

							R.T.	FINA
1.			/	1998			1:00.95	719
	50m:	28.69	28.69	100m:	1:00.95	32.26		
2.				2000			1:01.62	696
	50m:	28.34	28.34	100m:	1:01.62	33.28		
3.				2005			1:01.73	692
	50m:	28.89	28.89	100m:	1:01.73	32.84		
4.				2002			1:02.77	658
	50m:	29.36	29.36	100m:	1:02.77	33.41		
5.				2002			1:03.66	631
	50m:	29.92	29.92	100m:	1:03.66	33.74		
6.				2001			1:05.57	577
	50m:	30.52	30.52	100m:	1:05.57	35.05		
7.				2002			1:05.61	576
8.				2004			1:07.73	524
	50m:	31.63	31.63	100m:	1:07.73	36.10		
9.				2003			1:07.80	522
	50m:	31.25	31.25	100m:	1:07.80	36.55		
10.				2001			1:08.26	512
	50m:	30.35	30.35	100m:	1:08.26	37.91		
11.				2005			1:10.48	465
	50m:	33.05	33.05	100m:	1:10.48	37.43		
12.				2005			1:10.51	464
	50m:	32.89	32.89	100m:	1:10.51	37.62		
13.				2003			1:11.67	442
	50m:	32.04	32.04	100m:	1:11.67	39.63		
14.				2004			1:12.30	430
	50m:	33.21	33.21	100m:	1:12.30	39.09		
15.				2005			1:12.72	423
	50m:	33.01	33.01	100m:	1:12.72	39.71		
16.				2005			1:14.04	401
	50m:	35.27	35.27	100m:	1:14.04	38.77		
17.				2003			1:14.14	399
	50m:	35.10	35.10	100m:	1:14.14	39.04		
18.				2004			1:17.28	352
	50m:	35.78	35.78	100m:	1:17.28	41.50		

ALT-Timing

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34, , 100m

			/			R.T.	FINA
EXH			2004		-	1:07.76	523
	50m:	31.32	31.32	100m:	1:07.76	36.44	
EXH			2004	I	-	1:14.96	386
	50m:	34.09	34.09	100m:	1:14.96	40.87	

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35
19.10.2018 - 10:19

, 200m

	1:53.36	-1	20.11.2017
	1:53.36	-1	20.11.2017

: FINA 2018

			/	R.T.						FINA		
1.			2000						2:04.98	674		
	50m:	27.85	27.85	100m:	59.31	31.46	150m:	1:35.10	35.79	200m:	2:04.98	29.88
2.			2002						2:05.96	659		
	50m:	27.31	27.31	100m:	59.08	31.77	150m:	1:35.83	36.75	200m:	2:05.96	30.13
3.			2001						2:07.14	641		
	50m:	27.59	27.59	100m:	1:01.06	33.47	150m:	1:36.97	35.91	200m:	2:07.14	30.17
4.			1998						2:08.56	620		
	50m:	27.62	27.62	100m:	59.23	31.61	150m:	1:37.55	38.32	200m:	2:08.56	31.01
5.			2002						2:09.74	603		
	50m:	26.32	26.32	100m:	59.47	33.15	150m:	1:38.43	38.96	200m:	2:09.74	31.31
6.			2002						2:10.67	590		
	50m:	27.22	27.22	100m:	1:00.04	32.82	150m:	1:39.18	39.14	200m:	2:10.67	31.49
7.			2001						2:10.69	590		
	50m:	27.63	27.63	100m:	1:00.89	33.26	150m:	1:41.01	40.12	200m:	2:10.69	29.68
8.			1999						2:10.82	588		
	50m:	28.37	28.37	100m:	59.89	31.52	150m:	1:39.29	39.40	200m:	2:10.82	31.53
9.			2003						2:11.27	582		
	50m:	28.16	28.16	100m:	1:01.46	33.30	150m:	1:40.63	39.17	200m:	2:11.27	30.64
10.			2002						2:11.83	575		
	50m:	27.29	27.29	100m:	1:02.28	34.99	150m:	1:41.73	39.45	200m:	2:11.83	30.10
11.			2001						2:12.25	569		
	50m:	28.44	28.44	100m:	1:02.36	33.92	150m:	1:40.13	37.77	200m:	2:12.25	32.12
12.			2003						2:12.53	566		
	50m:	29.30	29.30	100m:	1:03.81	34.51	150m:	1:41.49	37.68	200m:	2:12.53	31.04
13.			1999						2:12.57	565		
	50m:	27.68	27.68	100m:	59.50	31.82	150m:	1:39.23	39.73	200m:	2:12.57	33.34
14.			2001						2:12.78	562		
	50m:	28.28	28.28	100m:	1:02.96	34.68	150m:	1:41.60	38.64	200m:	2:12.78	31.18
15.			2003						2:13.05	559		
	50m:	28.46	28.46	100m:	1:03.49	35.03	150m:	1:42.05	38.56	200m:	2:13.05	31.00
16.			1997						2:13.08	559		
	50m:	28.64	28.64	100m:	1:02.51	33.87	150m:	1:41.88	39.37	200m:	2:13.08	31.20
17.			2002						2:14.83	537		
	50m:	29.02	29.02	100m:	1:01.52	32.50	150m:	1:42.63	41.11	200m:	2:14.83	32.20
18.			2003						2:14.92	536		
	50m:	28.41	28.41	100m:	1:03.11	34.70	150m:	1:43.08	39.97	200m:	2:14.92	31.84
19.			2002						2:15.19	533		
	50m:	27.40	27.40	100m:	1:02.45	35.05	150m:	1:42.28	39.83	200m:	2:15.19	32.91

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35, , 200m ,										R.T.	FINA	
20.				2002							2:15.61	528
	50m:	27.32	27.32	100m:	1:00.28	32.96	150m:	1:42.69	42.41		200m:	2:15.61 32.92
21.				2003							2:16.38	519
	50m:	28.64	28.64	100m:	1:02.36	33.72	150m:	1:42.94	40.58		200m:	2:16.38 33.44
22.				2001							2:16.39	519
	50m:	28.31	28.31	100m:	1:01.66	33.35	150m:	1:45.51	43.85		200m:	2:16.39 30.88
23.				2003							2:16.79	514
	50m:	29.16	29.16	100m:	1:04.47	35.31	150m:	1:44.69	40.22		200m:	2:16.79 32.10
24.				2001							2:17.70	504
	50m:	28.13	28.13	100m:	1:02.83	34.70	150m:	1:44.82	41.99		200m:	2:17.70 32.88
25.				2003							2:18.18	499
	50m:	28.69	28.69	100m:	1:03.27	34.58	150m:	1:45.01	41.74		200m:	2:18.18 33.17
26.				2002							2:18.19	499
	50m:	28.73	28.73	100m:	1:03.36	34.63	150m:	1:44.50	41.14		200m:	2:18.19 33.69
27.				2003							2:18.39	497
	50m:	29.78	29.78	100m:	1:04.16	34.38	150m:	1:45.80	41.64		200m:	2:18.39 32.59
28.				2002							2:18.45	496
	50m:	28.46	28.46	100m:	1:03.71	35.25	150m:	1:47.33	43.62		200m:	2:18.45 31.12
29.				2003							2:18.95	491
	50m:	30.55	30.55	100m:	1:05.31	34.76	150m:	1:48.04	42.73		200m:	2:18.95 30.91
30.				2003							2:19.08	489
	50m:	28.86	28.86	100m:	1:05.71	36.85	150m:	1:44.99	39.28		200m:	2:19.08 34.09
31.				2001							2:19.75	482
	50m:	29.26	29.26	100m:	1:04.33	35.07	150m:	1:47.55	43.22		200m:	2:19.75 32.20
32.				2001							2:20.02	479
	50m:	29.03	29.03	100m:	1:06.40	37.37	150m:	1:47.38	40.98		200m:	2:20.02 32.64
33.				2003							2:20.06	479
	50m:	28.64	28.64	100m:	1:05.21	36.57	150m:	1:47.09	41.88		200m:	2:20.06 32.97
34.				2003							2:20.78	472
	50m:	30.22	30.22	100m:	1:05.47	35.25	150m:	1:47.66	42.19		200m:	2:20.78 33.12
35.				2003							2:20.87	471
	50m:	30.89	30.89	100m:	1:08.90	38.01	150m:	1:45.82	36.92		200m:	2:20.87 35.05
36.				2002							2:21.81	462
	50m:	29.30	29.30	100m:	1:05.50	36.20	150m:	1:48.64	43.14		200m:	2:21.81 33.17
37.				2002							2:21.98	460
	50m:	30.90	30.90	100m:	1:07.24	36.34	150m:	1:48.67	41.43		200m:	2:21.98 33.31
38.				2003							2:22.22	458
	50m:	30.98	30.98	100m:	1:10.08	39.10	150m:	1:51.05	40.97		200m:	2:22.22 31.17
39.				2002							2:22.36	456
	50m:	30.38	30.38	100m:	1:06.13	35.75	150m:	1:48.38	42.25		200m:	2:22.36 33.98
40.				2003							2:23.90	442
	50m:	32.11	32.11	100m:	1:09.80	37.69	150m:	1:52.21	42.41		200m:	2:23.90 31.69

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	35,	, 200m	,						R.T.		FINA	
41.	50m:	30.90	30.90	2003	100m:	1:08.51	37.61	150m:	1:50.92	42.41	2:24.90	433
											200m:	2:24.90 33.98
42.	50m:	31.88	31.88	2002	100m:	1:10.65	38.77	150m:	1:50.80	40.15	2:25.31	429
											200m:	2:25.31 34.51
43.	50m:	31.54	31.54	2003	100m:	1:08.71	37.17	150m:	1:51.98	43.27	2:25.83	424
											200m:	2:25.83 33.85
44.	50m:	29.11	29.11	2003	100m:	1:06.11	37.00	150m:	1:53.13	47.02	2:25.85	424
											200m:	2:25.85 32.72
45.	50m:	28.34	28.34	2003	100m:	1:03.28	34.94	150m:	1:49.47	46.19	2:26.54	418
											200m:	2:26.54 37.07
46.	50m:	31.09	31.09	2002	100m:	1:07.73	36.64	150m:	1:52.25	44.52	2:26.92	415
											200m:	2:26.92 34.67
DSQ				2001								
DSQ				2002								
DSQ				2001								
DSQ				2002								
DNS				1999								
DNS				2003								



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35, , 200m

EXH			/					R.T.		FINA		
			2003		-				2:19.22 	488		
	50m:	28.69	28.69	100m:	1:04.91	36.22	150m:	1:47.28	42.37	200m:	2:19.22	31.94

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36
19.10.2018 - 10:37

, 200m

2:06.79
2:11.90

03.09.2016
17.12.2016

: FINA 2018

									R.T.		FINA
1.				1998						2:18.68	678
	50m:	29.19	29.19	100m:	1:04.99	35.80	150m:	1:46.44	41.45	200m:	2:18.68 32.24
2.				2002						2:23.13	617
	50m:	30.81	30.81	100m:	1:07.68	36.87	150m:	1:49.67	41.99	200m:	2:23.13 33.46
3.				2001						2:24.54	599
	50m:	30.25	30.25	100m:	1:06.28	36.03	150m:	1:49.90	43.62	200m:	2:24.54 34.64
4.				1997						2:24.59	598
	50m:	31.36	31.36	100m:	1:08.11	36.75	150m:	1:49.60	41.49	200m:	2:24.59 34.99
5.				1999						2:26.61	574
	50m:	32.08	32.08	100m:	1:10.48	38.40	150m:	1:49.56	39.08	200m:	2:26.61 37.05
6.				2003						2:27.09	568
	50m:	31.73	31.73	100m:	1:09.16	37.43	150m:	1:52.79	43.63	200m:	2:27.09 34.30
7.				2005						2:28.78	549
	50m:	33.60	33.60	100m:	1:11.34	37.74	150m:	1:54.06	42.72	200m:	2:28.78 34.72
8.				2004						2:29.31	543
	50m:	30.60	30.60	100m:	1:05.98	35.38	150m:	1:53.21	47.23	200m:	2:29.31 36.10
9.				2002						2:29.49	541
	50m:	32.04	32.04	100m:	1:11.58	39.54	150m:	1:56.49	44.91	200m:	2:29.49 33.00
				2000						2:29.49	541
	50m:	32.10	32.10	100m:	1:11.50	39.40	150m:	1:53.92	42.42	200m:	2:29.49 35.57
11.				2003						2:29.71	539
	50m:	32.51	32.51	100m:	1:10.46	37.95	150m:	1:52.76	42.30	200m:	2:29.71 36.95
12.				2003						2:29.80	538
	50m:	32.12	32.12	100m:	1:10.88	38.76	150m:	1:54.49	43.61	200m:	2:29.80 35.31
13.				2001						2:30.06	535
	50m:	31.89	31.89	100m:	1:11.37	39.48	150m:	1:55.52	44.15	200m:	2:30.06 34.54
14.				2001						2:30.30	532
	50m:	32.25	32.25	100m:	1:12.12	39.87	150m:	1:54.71	42.59	200m:	2:30.30 35.59
15.				2004						2:30.32	532
	50m:	32.93	32.93	100m:	1:11.17	38.24	150m:	1:54.35	43.18	200m:	2:30.32 35.97
16.				2005						2:30.81	527
	50m:	32.81	32.81	100m:	1:12.66	39.85	150m:	1:55.39	42.73	200m:	2:30.81 35.42
17.				2002						2:30.87	526
	50m:	33.08	33.08	100m:	1:11.79	38.71	150m:	1:54.82	43.03	200m:	2:30.87 36.05
18.				2002						2:31.99	515
	50m:	32.47	32.47	100m:	1:10.81	38.34	150m:	1:56.30	45.49	200m:	2:31.99 35.69
19.				2002						2:33.08	504
	50m:	32.51	32.51	100m:	1:11.83	39.32	150m:	1:56.69	44.86	200m:	2:33.08 36.39

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36,		, 200m						R.T.		FINA	
20.				2004						2:33.80	497
	50m:	33.71	33.71	100m:	1:13.87	40.16	150m:	1:59.32	45.45	200m:	2:33.80 34.48
21.				2004						2:34.33	492
	50m:	33.92	33.92	100m:	1:12.00	38.08	150m:	1:57.16	45.16	200m:	2:34.33 37.17
22.				2004						2:34.55	490
	50m:	31.32	31.32	100m:	1:10.10	38.78	150m:	1:57.55	47.45	200m:	2:34.55 37.00
23.				2003						2:34.86	487
	50m:	31.95	31.95	100m:	1:12.62	40.67	150m:	1:57.94	45.32	200m:	2:34.86 36.92
24.				2002						2:34.98	486
	50m:	32.94	32.94	100m:	1:12.99	40.05	150m:	1:59.69	46.70	200m:	2:34.98 35.29
25.				2003						2:35.10	485
	50m:	33.29	33.29	100m:	1:12.34	39.05	150m:	1:58.61	46.27	200m:	2:35.10 36.49
26.				2002						2:35.71	479
	50m:	33.08	33.08	100m:	1:15.29	42.21	150m:	1:57.63	42.34	200m:	2:35.71 38.08
27.				2004						2:35.90	477
	50m:	33.87	33.87	100m:	1:14.64	40.77	150m:	1:58.55	43.91	200m:	2:35.90 37.35
				2001						2:35.90	477
	50m:	32.73	32.73	100m:	1:12.64	39.91	150m:	1:58.48	45.84	200m:	2:35.90 37.42
29.				2003						2:36.39	473
	50m:	34.22	34.22	100m:	1:14.01	39.79	150m:	2:00.94	46.93	200m:	2:36.39 35.45
30.				2005						2:36.41	472
	50m:	32.64	32.64	100m:	1:12.66	40.02	150m:	2:01.56	48.90	200m:	2:36.41 34.85
31.				2002						2:36.44	472
	50m:	34.18	34.18	100m:	1:14.19	40.01	150m:	2:01.44	47.25	200m:	2:36.44 35.00
32.				2005						2:36.61	471
	50m:	32.89	32.89	100m:	1:14.29	41.40	150m:	2:00.17	45.88	200m:	2:36.61 36.44
33.				2004						2:36.88	468
	50m:	33.45	33.45	100m:	1:12.73	39.28	150m:	2:00.19	47.46	200m:	2:36.88 36.69
34.				2003						2:37.13	466
	50m:	33.70	33.70	100m:	1:14.41	40.71	150m:	2:01.93	47.52	200m:	2:37.13 35.20
35.				2002						2:37.43	463
	50m:	34.46	34.46	100m:	1:15.11	40.65	150m:	2:01.08	45.97	200m:	2:37.43 36.35
36.				2002						2:37.64	461
	50m:	32.26	32.26	100m:	1:12.83	40.57	150m:	2:00.61	47.78	200m:	2:37.64 37.03
37.				2005						2:37.86	460
	50m:	34.11	34.11	100m:	1:12.71	38.60	150m:	2:01.67	48.96	200m:	2:37.86 36.19
38.				2004						2:38.38	455
	50m:	34.20	34.20	100m:	1:15.22	41.02	150m:	2:01.48	46.26	200m:	2:38.38 36.90
39.				2003						2:38.63	453
	50m:	33.85	33.85	100m:	1:14.08	40.23	150m:	1:59.43	45.35	200m:	2:38.63 39.20
40.				2004						2:39.12	449
	50m:	35.19	35.19	100m:	1:17.84	42.65	150m:	2:00.95	43.11	200m:	2:39.12 38.17

36,		, 200m						R.T.			FINA
41.			/	1999					2:39.40		446
	50m:	36.91	36.91	100m:	1:18.52	41.61	150m:	2:01.92	43.40	200m:	2:39.40 37.48
42.				2004					2:39.63		444
	50m:	32.76	32.76	100m:	1:13.37	40.61	150m:	2:01.24	47.87	200m:	2:39.63 38.39
43.				2003					2:41.05		433
	50m:	34.56	34.56	100m:	1:14.22	39.66	150m:	2:03.20	48.98	200m:	2:41.05 37.85
44.				2004					2:41.22		431
	50m:	33.41	33.41	100m:	1:11.95	38.54	150m:	2:02.17	50.22	200m:	2:41.22 39.05
45.				2004					2:41.63		428
	50m:	32.95	32.95	100m:	1:14.48	41.53	150m:	2:03.36	48.88	200m:	2:41.63 38.27
46.				2005					2:42.01		425
	50m:	34.32	34.32	100m:	1:17.54	43.22	150m:	2:03.53	45.99	200m:	2:42.01 38.48
47.				2004					2:43.39		414
	50m:	36.33	36.33	100m:	1:18.95	42.62	150m:	2:05.74	46.79	200m:	2:43.39 37.65
48.				2003					2:43.44		414
	50m:	34.27	34.27	100m:	1:15.83	41.56	150m:	2:05.10	49.27	200m:	2:43.44 38.34
49.				2001					2:45.27		400
	50m:	34.84	34.84	100m:	1:16.61	41.77	150m:	2:07.32	50.71	200m:	2:45.27 37.95
50.				2005					2:46.87		389
	50m:	36.08	36.08	100m:	1:19.37	43.29	150m:	2:07.54	48.17	200m:	2:46.87 39.33
51.				2005					2:49.54		371
	50m:	36.06	36.06	100m:	1:18.81	42.75	150m:	2:09.80	50.99	200m:	2:49.54 39.74
52.				2004					2:50.07		367
	50m:	37.55	37.55	100m:	1:18.91	41.36	150m:	2:12.04	53.13	200m:	2:50.07 38.03
DSQ				2001							
DSQ				2003							
DNS				2002							
DNS				2002							

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19.10.2018 - 10:56

, 400m

				3:58.90		RUS		(CAN)		09.12.2016			
				4:03.08						10.11.2015			
: FINA 2018													
				/				R.T.				FINA	
1.				1997		-		-		4:12.78		798	
	50m:	28.61	28.61	150m:	1:30.79	31.51	250m:	2:34.97	32.23	350m:	3:40.43	32.89	
	100m:	59.28	30.67	200m:	2:02.74	31.95	300m:	3:07.54	32.57	400m:	4:12.78	32.35	
2.				2001						4:22.10		716	
	50m:	30.61	30.61	150m:	1:37.33	33.46	250m:	2:44.13	33.07	350m:	3:50.16	33.01	
	100m:	1:03.87	33.26	200m:	2:11.06	33.73	300m:	3:17.15	33.02	400m:	4:22.10	31.94	
3.				1996						4:26.58		680	
	50m:	30.64	30.64	150m:	1:37.33	33.54	250m:	2:45.04	33.71	350m:	3:52.76	34.09	
	100m:	1:03.79	33.15	200m:	2:11.33	34.00	300m:	3:18.67	33.63	400m:	4:26.58	33.82	
4.				2002						4:27.34		675	
	50m:	30.22	30.22	150m:	1:37.59	33.90	250m:	2:45.18	33.58	350m:	3:53.51	34.49	
	100m:	1:03.69	33.47	200m:	2:11.60	34.01	300m:	3:19.02	33.84	400m:	4:27.34	33.83	
5.				2002						4:29.31		660	
	50m:	32.09	32.09	150m:	1:39.91	33.81	250m:	2:47.52	33.84	350m:	3:55.57	34.18	
	100m:	1:06.10	34.01	200m:	2:13.68	33.77	300m:	3:21.39	33.87	400m:	4:29.31	33.74	
6.				2003						4:34.94		620	
	50m:	31.01	31.01	150m:	1:39.66	34.75	250m:	2:49.90	35.08	350m:	4:00.59	35.24	
	100m:	1:04.91	33.90	200m:	2:14.82	35.16	300m:	3:25.35	35.45	400m:	4:34.94	34.35	
7.				2003						4:35.98		613	
	50m:	32.02	32.02	150m:	1:40.23	34.06	250m:	2:51.08	35.86	350m:	4:02.66	35.80	
	100m:	1:06.17	34.15	200m:	2:15.22	34.99	300m:	3:26.86	35.78	400m:	4:35.98	33.32	
8.				2003						4:36.28		611	
	50m:	31.69	31.69	150m:	1:40.54	34.55	250m:	2:50.99	35.12	350m:	4:02.80	36.03	
	100m:	1:05.99	34.30	200m:	2:15.87	35.33	300m:	3:26.77	35.78	400m:	4:36.28	33.48	
9.				2004						4:36.56		609	
	50m:	31.88	31.88	150m:	1:41.22	35.30	250m:	2:52.14	35.47	350m:	4:02.48	35.03	
	100m:	1:05.92	34.04	200m:	2:16.67	35.45	300m:	3:27.45	35.31	400m:	4:36.56	34.08	
10.				2004						4:37.90		600	
	50m:	30.52	30.52	150m:	1:40.36	35.45	250m:	2:52.34	35.93	350m:	4:04.08	35.67	
	100m:	1:04.91	34.39	200m:	2:16.41	36.05	300m:	3:28.41	36.07	400m:	4:37.90	33.82	
11.				2002						4:41.89		575	
	50m:	31.04	31.04	150m:	1:41.08	35.53	250m:	2:53.30	36.32	350m:	4:06.42	36.21	
	100m:	1:05.55	34.51	200m:	2:16.98	35.90	300m:	3:30.21	36.91	400m:	4:41.89	35.47	
12.				2003						4:45.17		556	
	50m:	31.47	31.47	150m:	1:43.58	36.75	250m:	2:57.13	36.72	350m:	4:10.64	37.07	
	100m:	1:06.83	35.36	200m:	2:20.41	36.83	300m:	3:33.57	36.44	400m:	4:45.17	34.53	
13.				2002						4:45.58		553	
	50m:	33.73	33.73	150m:	1:49.54	37.99	250m:	3:00.48	34.95	350m:	4:10.55	35.19	
	100m:	1:11.55	37.82	200m:	2:25.53	35.99	300m:	3:35.36	34.88	400m:	4:45.58	35.03	
14.				2004						4:45.78		552	
	50m:	32.76	32.76	150m:	1:44.48	36.22	250m:	2:57.48	36.48	350m:	4:10.75	36.57	
	100m:	1:08.26	35.50	200m:	2:21.00	36.52	300m:	3:34.18	36.70	400m:	4:45.78	35.03	

ALT-Timing

37,		, 400m						R.T.		FINA		
15.			2003						4:46.01		551	
	50m:	30.76	30.76	150m:	1:40.36	35.34	250m:	2:53.60	36.63	350m:	4:09.73	37.72
	100m:	1:05.02	34.26	200m:	2:16.97	36.61	300m:	3:32.01	38.41	400m:	4:46.01	36.28
16.			2002						4:48.71		535	
	50m:	32.17	32.17	150m:	1:43.33	35.98	250m:	2:57.21	37.22	350m:	4:12.40	37.77
	100m:	1:07.35	35.18	200m:	2:19.99	36.66	300m:	3:34.63	37.42	400m:	4:48.71	36.31
17.			2005						4:50.01		528	
	50m:	32.03	32.03	150m:	1:43.73	36.45	250m:	2:58.84	37.39	350m:	4:14.28	37.75
	100m:	1:07.28	35.25	200m:	2:21.45	37.72	300m:	3:36.53	37.69	400m:	4:50.01	35.73
18.			2002						4:50.03		528	
	50m:	32.97	32.97	150m:	1:45.90	36.96	250m:	3:00.35	37.15	350m:	4:14.51	36.99
	100m:	1:08.94	35.97	200m:	2:23.20	37.30	300m:	3:37.52	37.17	400m:	4:50.03	35.52
19.			2003						4:50.72		524	
	50m:	32.71	32.71	150m:	1:44.99	36.57	250m:	2:59.47	37.53	350m:	4:14.34	37.45
	100m:	1:08.42	35.71	200m:	2:21.94	36.95	300m:	3:36.89	37.42	400m:	4:50.72	36.38
20.			2005						4:56.61		494	
	50m:	34.78	34.78	150m:	1:46.74	36.40	250m:	3:03.35	38.27	350m:	4:20.31	38.70
	100m:	1:10.34	35.56	200m:	2:25.08	38.34	300m:	3:41.61	38.26	400m:	4:56.61	36.30
21.			2002						4:57.03		492	
	50m:	34.19	34.19	150m:	1:48.79	37.67	250m:	3:05.06	38.05	350m:	4:21.53	37.69
	100m:	1:11.12	36.93	200m:	2:27.01	38.22	300m:	3:43.84	38.78	400m:	4:57.03	35.50
22.			2003						4:57.86		488	
	50m:	34.27	34.27	150m:	1:48.40	37.50	250m:	3:05.48	38.48	350m:	4:22.61	38.56
	100m:	1:10.90	36.63	200m:	2:27.00	38.60	300m:	3:44.05	38.57	400m:	4:57.86	35.25
23.			2001						4:57.96		487	
	50m:	34.01	34.01	150m:	1:47.73	37.05	250m:	3:03.31	37.67	350m:	4:20.21	38.34
	100m:	1:10.68	36.67	200m:	2:25.64	37.91	300m:	3:41.87	38.56	400m:	4:57.96	37.75
24.			2004						5:00.09		477	
	50m:	32.50	32.50	150m:	1:46.37	37.22	250m:	3:02.41	38.59	350m:	4:20.64	39.41
	100m:	1:09.15	36.65	200m:	2:23.82	37.45	300m:	3:41.23	38.82	400m:	5:00.09	39.45
25.			2005						5:00.20		476	
	50m:	33.57	33.57	150m:	1:49.19	38.01	250m:	3:05.43	38.14	350m:	4:22.75	38.71
	100m:	1:11.18	37.61	200m:	2:27.29	38.10	300m:	3:44.04	38.61	400m:	5:00.20	37.45
26.			2004						5:09.49		435	
	50m:	34.66	34.66	150m:	1:51.56	38.99	250m:	3:11.35	39.81	350m:	4:30.72	39.68
	100m:	1:12.57	37.91	200m:	2:31.54	39.98	300m:	3:51.04	39.69	400m:	5:09.49	38.77

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37, , 400m

EXH			/					R.T.		FINA		
			2004		-				4:46.78	546		
	50m:	31.72	31.72	150m:	1:43.42	36.46	250m:	2:58.14	37.19	350m:	4:12.02	36.41
	100m:	1:06.96	35.24	200m:	2:20.95	37.53	300m:	3:35.61	37.47	400m:	4:46.78	34.76

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19.10.2018 - 11:25

, 50m

	20.31	(DEN)	15.12.2017
	20.70	(QAT)	06.12.2014
	/	R.T.	FINA
1.	2001	22.77	704
2.	2002	23.46	644
3.	2002	23.65	628
4.	2001	23.79	617
5.	2001	23.87	611
6.	2002	23.91	608
7.	2001	23.92	607
8.	1995	23.98	603
9.	2001	24.00	601
10.	2002	24.06	597
11.	2001	24.13	591
	1996	24.13	591
13.	2002	24.19	587
14.	1999	24.26	582
15.	1994	24.33	577
16.	1989	24.52	564
17.	2000	24.56	561
18.	2001	24.60	558
19.	2002	24.66	554
20.	2003	24.71	551
21.	2002	24.72	550
22.	2001	24.75	548
	2001	24.75	548
24.	1998	24.92	537
25.	1993	24.93	536
26.	2003	24.97	534
27.	2001	24.98	533
28.	2003	24.99	532
29.	2003	25.14	523
30.	2002	25.21	519
31.	2003	25.26	515
32.	2003	25.27	515
	2002	25.27	515
34.	2001	25.32	512
35.	2002	25.33	511
36.	2001	25.35	510
37.	2002	25.50	501
38.	2001	25.51	500
39.	2002	25.52	500
	2001	25.52	500
	2003	25.52	500
42.	2002	25.61	495

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38, , 50m ,

	/	R.T.	FINA
43.	2003	25.62	494
44.	2003	25.77	485
45.	2002	25.81	483
46.	2002	25.87	480
47.	2003	25.89	479
48.	2003	25.90	478
49.	2002	25.95	475
50.	2003	26.02	472
51.	2003	26.03	471
52.	2003	26.04	470
53.	2003	26.09	468
54.	2003	26.24	460
	2003	26.24	460
56.	2003	26.28	458
57.	2002	26.30	457
58.	2003	26.36	454
59.	2001	26.39	452
60.	2001	26.42	450
61.	2002	26.49	447
62.	2003	26.50	446
63.	2002	26.55	444
64.	2002	26.81	431
65.	2003	26.94	425
66.	2001	27.43	402
67.	2002	27.65	393
68.	2002	27.92	382
69.	2002	28.15	372
70.	2003	28.58	356

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38, , 50m

	/		R.T.	FINA
EXH	2001	-	24.37	574
EXH	2000	-	24.46	568
EXH	2001	-	25.39	508

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19.10.2018 - 11:34

, 50m

23.64	-1	21.11.2017
24.15	(DEN)	15.12.2013

: FINA 2018

	/	R.T.	FINA
1.	2000	26.41	654
2.	2000	26.44	652
3.	2005	26.56	643
4.	2002	26.57	642
5.	2004	26.70	633
6.	2002	26.73	631
7.	2002	26.77	628
8.	2002	27.05	609
9.	2002	27.17	601
10.	2002	27.18	600
11.	2002	27.29	593
12.	2003	27.57	575
13.	2001	27.79	561
14.	2004	27.81	560
15.	2003	27.93	553
16.	2005	27.97	550
17.	1997	28.13	541
18.	2001	28.22	536
19.	1997	28.26	534
20.	1999	28.32	530
21.	2003	28.35	529
22.	2005	28.54	518
23.	2002	28.55	518
24.	2004	28.57	516
25.	2002	28.69	510
26.	2002	28.71	509
27.	2004	28.83	503
28.	2003	28.84	502
29.	2003	28.87	501
30.	2002	29.01	493
31.	2004	29.02	493
32.	2002	29.12	488
33.	2004	29.13	487
	2003	29.13	487
35.	2001	29.23	482
36.	2003	29.28	480
	2001	29.28	480
38.	2005	29.33	477
39.	2004	29.36	476
	2004	29.36	476
41.	2003	29.43	472
42.	2005	29.44	472

ALT-Timing

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	39,	, 50m	,	R.T.	FINA
43.		/	2005	29.50	469
44.			2003	29.54	467
45.			2003	29.55	467
46.			2004	29.56	466
47.			2001	29.64	462
48.			2004	29.72	459
49.			2003	29.73	458
50.			2005	29.82	454
51.			2004	30.54	423
52.			2004	30.83	411
53.			2005	30.84	411
54.			2004	30.89	409
55.			2005	31.34	391
56.			2004	31.43	388
57.			2001	35.95	259

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39, , 50m

	/		R.T.	FINA
EXH	2004 I	-	28.44	524
EXH	2004 I	-	29.80	455

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19.10.2018 - 11:42

, 4 x 50m

1:30.44
1:37.00

RUS

(DEN)

17.12.2017
16.12.2014

: FINA 2018

/

R.T.

FINA

1.				1:42.89	679
		02	26.71	01	23.64
		01	28.70	01	23.84
2.	1			1:43.81	661
		01	25.61	89	25.32
		97	29.72	94	23.16
3.				1:44.81	642
		99	26.94	01	25.22
		95	29.54	02	23.11
4.				1:45.70	626
		02	27.89	94	25.78
		93	28.67	01	23.36
5.	2			1:45.74	625
		99	26.15	96	26.29
		98	30.08	01	23.22
6.				1:46.63	610
		01	27.73	01	25.01
		00	30.85	02	23.04
7.				1:51.09	539
		03	28.58	03	27.21
		03	30.50	01	24.80
8.				1:52.61	518
		02	28.19	02	26.94
		01	32.93	02	24.55

DSQ

ALT-Timing

25

, 16 - 19 2018

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19.10.2018 - 11:45

, 4 x 50m

1:45.75
1:52.40

(DEN)

17.12.2017
15.12.2014

: FINA 2018

			R.T.	FINA
1.			1:57.19	684
	02	30.60	98	27.00
	01	33.06	02	26.53
2.			1:57.35	681
	02	29.91	02	28.79
	99	32.14	00	26.51
3.			1:57.56	677
	00	28.82	01	29.06
	01	32.93	02	26.75
4.	2		2:00.91	623
	97	31.12	02	28.65
	99	34.44	04	26.70
5.	1		2:00.96	622
	04	30.51	02	29.98
	99	34.46	97	26.01
6.			2:02.31	601
	03	31.94	02	30.44
	03	33.34	02	26.59
7.			2:05.38	558
	03	33.00	05	31.09
	02	34.20	05	27.09
8.			2:06.72	541
	02	31.47	02	31.13
	03	34.66	02	29.46
9.			2:07.50	531
	03	31.43	05	30.14
	03	37.00	04	28.93
10.			2:12.17	477
	03	33.14	01	30.67
	01	38.03	03	30.33

ALT-Timing

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19.10.2018 - 11:57

, 800m

			7:37.73							(FIN)	09.12.2006
			7:53.24								22.11.2017
: FINA 2018											
			/							R.T.	FINA
1.			2002							8:20.19	696
	50m:	29.58	29.58	300m:	3:09.34	1:03.51	600m:	6:17.01	1:02.77		
	100m:	1:01.78	32.20	400m:	4:12.17	1:02.83	700m:	7:19.88	1:02.87		
	200m:	2:05.83	1:04.05	500m:	5:14.24	1:02.07	800m:	8:20.19	1:00.31		
2.			1998							8:22.74	686
	50m:	29.59	29.59	300m:	3:08.02	1:03.16	600m:	6:18.63	1:03.59		
	100m:	1:01.39	31.80	400m:	4:11.66	1:03.64	700m:	7:22.01	1:03.38		
	200m:	2:04.86	1:03.47	500m:	5:15.04	1:03.38	800m:	8:22.74	1:00.73		
3.			2000							8:30.23	656
	50m:	29.26	29.26	300m:	3:11.15	1:05.21	600m:	6:23.44	1:04.71		
	100m:	1:01.55	32.29	400m:	4:15.15	1:04.00	700m:	7:27.87	1:04.43		
	200m:	2:05.94	1:04.39	500m:	5:18.73	1:03.58	800m:	8:30.23	1:02.36		
4.			2001							8:30.27	656
	50m:	28.61	28.61	300m:	3:08.19	1:03.78	600m:	6:22.64	1:04.78		
	100m:	1:00.40	31.79	400m:	4:12.63	1:04.44	700m:	7:27.75	1:05.11		
	200m:	2:04.41	1:04.01	500m:	5:17.86	1:05.23	800m:	8:30.27	1:02.52		
5.			2001							8:31.42	651
	50m:	26.90	26.90	300m:	3:05.42	1:04.49	600m:	6:22.14	1:06.05		
	100m:	57.49	30.59	400m:	4:10.41	1:04.99	700m:	7:27.69	1:05.55		
	200m:	2:00.93	1:03.44	500m:	5:16.09	1:05.68	800m:	8:31.42	1:03.73		
6.			1997							8:36.99	630
	50m:	29.80	29.80	300m:	3:11.32	1:04.62	600m:	6:28.29	1:05.88		
	100m:	1:01.93	32.13	400m:	4:16.64	1:05.32	700m:	7:33.43	1:05.14		
	200m:	2:06.70	1:04.77	500m:	5:22.41	1:05.77	800m:	8:36.99	1:03.56		
7.			2002							8:37.64	628
	50m:	29.22	29.22	300m:	3:11.13	1:05.17	600m:	6:28.04	1:05.83		
	100m:	1:01.96	32.74	400m:	4:16.78	1:05.65	700m:	7:33.90	1:05.86		
	200m:	2:05.96	1:04.00	500m:	5:22.21	1:05.43	800m:	8:37.64	1:03.74		
8.			1991							8:39.38	622
	50m:	29.29	29.29	300m:	3:08.47	1:04.30	600m:	6:27.10	1:07.16		
	100m:	1:00.65	31.36	400m:	4:14.05	1:05.58	700m:	7:34.78	1:07.68		
	200m:	2:04.17	1:03.52	500m:	5:19.94	1:05.89	800m:	8:39.38	1:04.60		
9.			1998							8:40.20	619
	50m:	29.64	29.64	300m:	3:12.08	1:05.33	600m:	6:30.08	1:06.24		
	100m:	1:01.62	31.98	400m:	4:18.10	1:06.02	700m:	7:35.81	1:05.73		
	200m:	2:06.75	1:05.13	500m:	5:23.84	1:05.74	800m:	8:40.20	1:04.39		
10.			2001							8:41.86	613
	50m:	27.62	27.62	300m:	3:06.66	1:04.48	600m:	6:25.99	1:07.64		
	100m:	58.33	30.71	400m:	4:11.94	1:05.28	700m:	7:34.46	1:08.47		
	200m:	2:02.18	1:03.85	500m:	5:18.35	1:06.41	800m:	8:41.86	1:07.40		
11.			2003							8:42.73	610
	50m:	28.27	28.27	300m:	3:10.16	1:05.55	600m:	6:30.34	1:07.19		
	100m:	59.85	31.58	400m:	4:16.25	1:06.09	700m:	7:38.25	1:07.91		
	200m:	2:04.61	1:04.76	500m:	5:23.15	1:06.90	800m:	8:42.73	1:04.48		

ALT-Timing

	42,	, 800m							R.T.	FINA
12.			2002						8:43.53	607
	50m:	29.70	29.70	300m:	3:11.96	1:04.81	600m:	6:31.04	1:06.98	
	100m:	1:01.97	32.27	400m:	4:17.63	1:05.67	700m:	7:38.51	1:07.47	
	200m:	2:07.15	1:05.18	500m:	5:24.06	1:06.43	800m:	8:43.53	1:05.02	
13.			2003						8:46.85	596
	50m:	29.44	29.44	300m:	3:14.71	1:06.81	600m:	6:35.79	1:07.49	
	100m:	1:01.84	32.40	400m:	4:21.67	1:06.96	700m:	7:42.31	1:06.52	
	200m:	2:07.90	1:06.06	500m:	5:28.30	1:06.63	800m:	8:46.85	1:04.54	
14.			2002						8:47.49	594
	50m:	29.63	29.63	300m:	3:14.59	1:06.99	600m:	6:35.64	1:07.27	
	100m:	1:01.95	32.32	400m:	4:21.07	1:06.48	700m:	7:43.10	1:07.46	
	200m:	2:07.60	1:05.65	500m:	5:28.37	1:07.30	800m:	8:47.49	1:04.39	
15.			2002						8:47.67	593
	50m:	28.82	28.82	300m:	3:13.35	1:06.19	600m:	6:35.43	1:07.67	
	100m:	1:01.09	32.27	400m:	4:20.30	1:06.95	700m:	7:43.15	1:07.72	
	200m:	2:07.16	1:06.07	500m:	5:27.76	1:07.46	800m:	8:47.67	1:04.52	
16.			1994						8:49.21	588
	50m:	28.51	28.51	300m:	3:07.94	1:04.98	600m:	6:32.44	1:09.18	
	100m:	59.52	31.01	400m:	4:15.19	1:07.25	700m:	7:42.45	1:10.01	
	200m:	2:02.96	1:03.44	500m:	5:23.26	1:08.07	800m:	8:49.21	1:06.76	
17.			2003						8:53.54 	574
	50m:	28.94	28.94	300m:	3:13.67	1:06.63	600m:	6:37.92	1:08.27	
	100m:	1:00.94	32.00	400m:	4:21.44	1:07.77	700m:	7:47.11	1:09.19	
	200m:	2:07.04	1:06.10	500m:	5:29.65	1:08.21	800m:	8:53.54	1:06.43	
18.			2003						8:55.34 	568
	50m:	30.17	30.17	300m:	3:13.76	1:05.06	600m:	6:38.61	1:08.66	
	100m:	1:02.76	32.59	400m:	4:21.33	1:07.57	700m:	7:48.21	1:09.60	
	200m:	2:08.70	1:05.94	500m:	5:29.95	1:08.62	800m:	8:55.34	1:07.13	
19.			2003						8:55.43 	567
	50m:	29.29	29.29	300m:	3:19.18	1:07.71	600m:	6:42.29	1:07.66	
	100m:	1:01.74	32.45	400m:	4:28.00	1:08.82	700m:	7:50.54	1:08.25	
	200m:	2:11.47	1:09.73	500m:	5:34.63	1:06.63	800m:	8:55.43	1:04.89	
20.			2002						8:56.78 	563
	50m:	29.67	29.67	300m:	3:17.26	1:08.65	600m:	6:42.26	1:08.83	
	100m:	1:02.45	32.78	400m:	4:25.25	1:07.99	700m:	7:50.75	1:08.49	
	200m:	2:08.61	1:06.16	500m:	5:33.43	1:08.18	800m:	8:56.78	1:06.03	
21.			2003						8:57.00 	563
	50m:	29.40	29.40	300m:	3:19.33	1:08.50	600m:	6:43.38	1:08.42	
	100m:	1:02.58	33.18	400m:	4:27.11	1:07.78	700m:	7:51.97	1:08.59	
	200m:	2:10.83	1:08.25	500m:	5:34.96	1:07.85	800m:	8:57.00	1:05.03	
22.			2001						8:58.74 	557
	50m:	28.38	28.38	300m:	3:15.13	1:07.28	600m:	6:41.72	1:09.40	
	100m:	1:00.72	32.34	400m:	4:22.76	1:07.63	700m:	7:51.49	1:09.77	
	200m:	2:07.85	1:07.13	500m:	5:32.32	1:09.56	800m:	8:58.74	1:07.25	
23.			2003						8:59.56 	555
	50m:	29.34	29.34	300m:	3:15.23	1:07.80	600m:	6:45.06	1:10.38	
	100m:	1:01.54	32.20	400m:	4:24.27	1:09.04	700m:	7:54.65	1:09.59	
	200m:	2:07.43	1:05.89	500m:	5:34.68	1:10.41	800m:	8:59.56	1:04.91	

42, , 800m										R.T.	FINA
24.				2003						9:00.11	553
	50m:	29.87	29.87	300m:	3:15.36	1:08.50	600m:	6:42.99	1:09.45		
	100m:	1:01.55	31.68	400m:	4:24.03	1:08.67	700m:	7:51.92	1:08.93		
	200m:	2:06.86	1:05.31	500m:	5:33.54	1:09.51	800m:	9:00.11	1:08.19		
25.				2001						9:02.55	545
	50m:	31.02	31.02	300m:	3:17.75	1:07.63	600m:	6:46.29	1:10.11		
	100m:	1:04.62	33.60	400m:	4:26.71	1:08.96	700m:	7:57.18	1:10.89		
	200m:	2:10.12	1:05.50	500m:	5:36.18	1:09.47	800m:	9:02.55	1:05.37		
26.				2003						9:03.04	544
	50m:	28.33	28.33	300m:	3:13.38	1:07.58	600m:	6:44.45	1:10.96		
	100m:	1:00.02	31.69	400m:	4:22.81	1:09.43	700m:	7:54.03	1:09.58		
	200m:	2:05.80	1:05.78	500m:	5:33.49	1:10.68	800m:	9:03.04	1:09.01		
27.				2002						9:03.55	542
	50m:	29.29	29.29	300m:	3:18.06	1:08.78	600m:	6:46.06	1:09.57		
	100m:	1:02.03	32.74	400m:	4:27.13	1:09.07	700m:	7:55.70	1:09.64		
	200m:	2:09.28	1:07.25	500m:	5:36.49	1:09.36	800m:	9:03.55	1:07.85		
28.				2003						9:03.74	542
	50m:	30.88	30.88	300m:	3:19.51	1:08.30	600m:	6:46.13	1:09.08		
	100m:	1:04.18	33.30	400m:	4:27.95	1:08.44	700m:	7:56.16	1:10.03		
	200m:	2:11.21	1:07.03	500m:	5:37.05	1:09.10	800m:	9:03.74	1:07.58		
29.				2001						9:10.19	523
	50m:	29.17	29.17	300m:	3:20.59	1:09.20	600m:	6:51.87	1:10.50		
	100m:	1:02.47	33.30	400m:	4:31.71	1:11.12	700m:	8:02.37	1:10.50		
	200m:	2:11.39	1:08.92	500m:	5:41.37	1:09.66	800m:	9:10.19	1:07.82		
30.				2002						9:11.85	518
	50m:	28.62	28.62	300m:	3:14.41	1:09.19	600m:	6:46.90	1:11.67		
	100m:	59.40	30.78	400m:	4:24.38	1:09.97	700m:	8:00.55	1:13.65		
	200m:	2:05.22	1:05.82	500m:	5:35.23	1:10.85	800m:	9:11.85	1:11.30		
31.				2001						9:16.87	504
	50m:	29.60	29.60	300m:	3:21.21	1:09.92	600m:	6:54.41	1:11.49		
	100m:	1:02.69	33.09	400m:	4:31.99	1:10.78	700m:	8:05.94	1:11.53		
	200m:	2:11.29	1:08.60	500m:	5:42.92	1:10.93	800m:	9:16.87	1:10.93		
32.				2002						9:20.22	495
	50m:	30.18	30.18	300m:	3:21.89	1:09.95	600m:	6:58.73	1:12.05		
	100m:	1:03.43	33.25	400m:	4:34.33	1:12.44	700m:	8:12.40	1:13.67		
	200m:	2:11.94	1:08.51	500m:	5:46.68	1:12.35	800m:	9:20.22	1:07.82		
33.				2001						9:20.93	493
	50m:	30.88	30.88	300m:	3:23.40	1:10.26	600m:	6:59.04	1:12.27		
	100m:	1:04.31	33.43	400m:	4:35.13	1:11.73	700m:	8:11.25	1:12.21		
	200m:	2:13.14	1:08.83	500m:	5:46.77	1:11.64	800m:	9:20.93	1:09.68		
34.				2002						9:21.67	492
	50m:	28.64	28.64	300m:	3:20.77	1:11.66	600m:	7:00.34	1:12.69		
	100m:	1:00.32	31.68	400m:	4:32.76	1:11.99	700m:	8:11.52	1:11.18		
	200m:	2:09.11	1:08.79	500m:	5:47.65	1:14.89	800m:	9:21.67	1:10.15		
35.				2001						9:23.32	487
	50m:	28.94	28.94	300m:	3:21.53	1:11.41	600m:	6:59.31	1:12.09		
	100m:	1:01.27	32.33	400m:	4:34.51	1:12.98	700m:	8:12.43	1:13.12		
	200m:	2:10.12	1:08.85	500m:	5:47.22	1:12.71	800m:	9:23.32	1:10.89		

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42, , 800m										R.T.	FINA
36.				2003	I					9:28.67	474
	50m:	30.82	30.82	300m:	3:28.40	1:11.87	600m:	7:07.77	1:13.77		
	100m:	1:05.29	34.47	400m:	4:41.18	1:12.78	700m:	8:19.75	1:11.98		
	200m:	2:16.53	1:11.24	500m:	5:54.00	1:12.82	800m:	9:28.67	1:08.92		
37.				2001	I					9:29.22	472
	50m:	30.74	30.74	300m:	3:24.81	1:11.04	600m:	7:02.01	1:13.27		
	100m:	1:04.50	33.76	400m:	4:37.20	1:12.39	700m:	8:16.12	1:14.11		
	200m:	2:13.77	1:09.27	500m:	5:48.74	1:11.54	800m:	9:29.22	1:13.10		
38.				2002	I					9:33.79	461
	50m:	29.80	29.80	300m:	3:25.18	1:10.90	600m:	7:07.80	1:15.13		
	100m:	1:03.75	33.95	400m:	4:38.28	1:13.10	700m:	8:22.54	1:14.74		
	200m:	2:14.28	1:10.53	500m:	5:52.67	1:14.39	800m:	9:33.79	1:11.25		
39.				2001	I					9:33.98	461
	50m:	31.74	31.74	300m:	3:31.88	1:13.06	600m:	7:11.81	1:13.60		
	100m:	1:06.84	35.10	400m:	4:45.30	1:13.42	700m:	8:23.59	1:11.78		
	200m:	2:18.82	1:11.98	500m:	5:58.21	1:12.91	800m:	9:33.98	1:10.39		
40.				2003	I					9:36.59	454
	50m:	31.83	31.83	300m:	3:31.00	1:12.81	600m:	7:11.99	1:14.31		
	100m:	1:07.19	35.36	400m:	4:44.25	1:13.25	700m:	8:25.42	1:13.43		
	200m:	2:18.19	1:11.00	500m:	5:57.68	1:13.43	800m:	9:36.59	1:11.17		
41.				2003						9:40.21	446
	50m:	31.29	31.29	300m:	3:32.71	1:13.64	600m:	7:17.21	1:14.72		
	100m:	1:06.02	34.73	400m:	4:47.45	1:14.74	700m:	8:30.58	1:13.37		
	200m:	2:19.07	1:13.05	500m:	6:02.49	1:15.04	800m:	9:40.21	1:09.63		
42.				2003						9:45.57	434
	50m:	30.67	30.67	300m:	3:30.83	1:13.60	600m:	7:17.96	1:16.60		
	100m:	1:05.15	34.48	400m:	4:45.93	1:15.10	700m:	8:33.26	1:15.30		
	200m:	2:17.23	1:12.08	500m:	6:01.36	1:15.43	800m:	9:45.57	1:12.31		
DNS				2002							