Race Analysis

World Championship 2019

1500 free Final result

	Name	Result	Average Speed	Take off time
1°	Florian Wellbrock	14:36.54	1.71	00:00.68
2°	Mykhailo Romanchuk	14:37.63	1.71	00:00.74
3°	Gregorio Paltrinieri	14:38.75	1.71	00:00.76

Split comparison

Florian Wellbrock

	1°50	2°50	3°50	4°50	5°50	6°50	7°50	8°50	9°50	10°50	11°50	12°50	13°50	14°50	15°50	16°50	17°50	18°50	19°50	20°50	21°50	22°50	23°50	24°50	25°50	26°50	27°50	28°50	29°50	30°50
Lap Time	00:27.09	00:29.00	00:29.12	00:29.23	00:29.53	00:29.17	00:29.47	00:29.21	00:29.54	00:29.25	00:29.53	00:29.58	00:29.81	00:29.48	00:29.75	00:29.51	00:29.65	00:29.20	00:29.24	00:29.64	00:29.54	00:29.72	00:29.34	00:29.60	00:29.41	00:29.41	00:28.98	00:28.07	00:27.26	
Gap to the first Time	00:00.12	00:00.06	00:00.25	00:00.21	00:00.55	00:00.38	00:00.69	00:00.35	00:00.52	00:00.08	00:00.17	00:00.00	00:00.11	00:00.01	00:00.21	00:00.05	00:00.40	00:00.46	00:00.63	00:00.19	00:00.40	00:00.15	00:00.40	00:00.00	00:00.11	00:00.00	00:00.17	00:00.00	00:00.00	00:00.00

Mykhailo Romanchuk

	1°50	2°50	3°50	4°50	5°50	6°50	7°50	8°50	9°50	10°50	11°50	12°50	13°50	14°50	15°50	16°50	17°50	18°50	19°50	20°50	21°50	22°50	23°50	24°50	25°50	26°50	27°50	28°50	29°50	30°50
Lap Time	00:27.59	00:29.36	00:28.83	00:29.36	00:28.99	00:29.49	00:29.03	00:29.46	00:29.18	00:29.67	00:29.33	00:29.66	00:29.45	00:29.85	00:29.33	00:29.84	00:29.25	00:29.68	00:28.92	00:29.71	00:29.25	00:29.71	00:29.35	00:29.78	00:29.33	00:29.67	00:29.14	00:29.41	00:28.35	00:27.66
Gap to the first Time	00:00.62	00:00.92	00:00.82	00:00.91	00:00.71	00:00.86	00:00.73	00:00.64	00:00.45	00:00.43	00:00.32	00:00.43	00:00.18	00:00.45	00:00.23	00:00.40	00:00.35	00:00.89	00:00.57	00:00.60	00:00.42	00:00.34	00:00.22	00:00.26	00:00.10	00:00.25	00:00.15	00:00.41	00:00.69	00:01.09

Gregorio Paltrinieri

	1°50	2°50	3°50	4°50	5°50	6°50	7°50	8°50	9°50	10°50	11°50	12°50	13°50	14°50	15°50	16°50	17°50	18°50	19°50	20°50	21°50	22°50	23°50	24°50	25°50	26°50	27°50	28°50	29°50	30°50
Lap Time	00:26.97	00:29.06	00:28.93	00:29.27	00:29.19	00:29.34	00:29.16	00:29.55	00:29.37	00:29.69	00:29.44	00:29.56	00:29.69	00:29.58	00:29.55	00:29.67	00:29.30	00:29.14	00:29.24	00:29.68	00:29.43	00:29.79	00:29.47	00:29.77	00:29.46	00:29.59	00:29.19	00:29.42	00:28.66	00:28.61
Gap to the first Time	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.01	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.03	00:00.00	00:00.05	00:00.00	00:00.00	00:00.27	00:00.86	00:02.21

Legend: First / Second / Third

Swimming parameters analysis — from 15m to 45m (Swimming time)

Florian Wellbrock

		1°300	2°300	3°300	4°300	5°300	Total	First 1400m	Last 100m
Total time	Time	01:48.26	01:49.87	01:50.69	01:50.48	01:47.58	09:06.88	08:32.36	00:34.52
Av Time	Time	00:18.04	00:18.31	00:18.45	00:18.41	00:17.93	00:18.23	00:18.30	00:17.26
Speed	Metre/Sec	1.66	1.64	1.63	1.63	1.67	1.65	1.64	1.74
Stroke Rate	Cycle/Min	33.3	32.3	32.7	32.8	35.5	33.3	32.9	39.7
Stroke Time	Time	00:01.80	00:01.86	00:01.83	00:01.83	00:01.70	00:01.80	00:01.83	00:01.51
DPS	Cm	299.2	304.5	298.1	298.4	284.3	296.9	299.3	262.7
DPS Index	DPS*Speed	4.98	4.99	4.85	4.86	4.75	4.89	4.91	4.57

Mykhailo Romanchuk

		1°300	1°300	1°300	1°300	1°300	Total	First 1400m	Last 100m
Total time	Time	01:48.75	01:49.84	01:50.16	01:49.87	01:47.43	09:06.05	08:31.30	00:34.75
Av Time	Time	00:18.12	00:18.31	00:18.36	00:18.31	00:17.91	00:18.20	00:18.26	00:17.37
Speed	Metre/Sec	1.66	1.64	1.63	1.64	1.68	1.65	1.64	1.73
Stroke Rate		32.7	31.9	31.9	32.4	34.6	32.7	32.3	38.2
Stroke Time		00:01.83	00:01.88	00:01.88	00:01.85	00:01.75	00:01.84	00:01.86	00:01.58
DPS		303.5	308.4	307.8	303.8	292.3	303.2	305.4	271.9
DPS Index		5.03	5.05	5.03	4.98	4.90	5.00	5.02	4.69

Gregorio Paltrinieri

		1°300	1°300	1°300	1°300	1°300	Total	First 1400m	Last 100m
Total time	Time	01:47.65	01:49.55	01:49.70	01:49.73	01:48.46	09:05.09	08:29.47	00:35.62
Av Time	Time	00:17.94	00:18.26	00:18.28	00:18.29	00:18.08	00:18.17	00:18.20	00:17.81
Speed		1.67	1.64	1.64	1.64	1.66	1.65	1.65	1.68
Stroke Rate		44.1	43.7	43.7	43.5	43.7	43.8	43.7	44.2
Stroke Time		00:01.36	00:01.37	00:01.37	00:01.38	00:01.37	00:01.37	00:01.37	00:01.36
DPS		227.5	225.9	225.2	226.0	227.8	226.5	226.3	228.8
DPS Index		3.81	3.71	3.70	3.71	3.78	3.74	3.73	3.86

Turn parameters analysis — from 5m before the wall to 15m after the wall (Turn time)

Florian Wellbrock

Total 1500m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	05:20.80	01:30.02	00:54.20	02:56.58
Av Time	Time	00:11.06	00:03.10	00:01.87	00:06.09
Speed	Metre/Sec	1.81	1.61	2.68	1.64

First 1400m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	04:59.35	01:23.84	00:50.46	02:45.05
Av Time	Time	00:10.32	00:03.11	00:01.87	00:06.11
Speed	Metre/Sec	1.94	1.61	2.68	1.64

Last 100m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	00:21.45	00:06.18	00:03.74	00:11.53
Av Time	Time	00:10.72	00:03.09	00:01.87	00:05.76
Speed	Metre/Sec	1.86	1.62	2.67	1.73

Mykhailo Romanchuk

Total 1500m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	05:22.23	01:33.43	00:49.57	02:59.23
Av Time	Time	00:11.11	00:03.22	00:01.71	00:06.18
Speed	Metre/Sec	1.80	1.55	2.93	1.62

First 1400m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	05:00.43	01:27.02	00:46.01	02:47.40
Av Time	Time	00:10.36	00:03.11	00:01.70	00:06.20
Speed	Metre/Sec	1.93	1.55	2.93	1.61

Last 100m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	00:21.80	00:06.41	00:03.56	00:11.83
Av Time	Time	00:10.90	00:03.21	00:01.78	00:05.91
Speed	Metre/Sec	1.83	1.56	2.81	1.69

Gregorio Paltrinieri

Total 1500m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	05:24.16	01:32.27	00:55.65	02:56.24
Av Time	Time	00:11.18	00:03.18	00:01.92	00:06.07
Speed	Metre/Sec	1.79	1.57	2.61	1.65

First 1400m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	05:02.04	01:25.96	00:51.75	02:44.33
Av Time	Time	00:10.42	00:03.18	00:01.92	00:06.09
Speed	Metre/Sec	1.92	1.57	2.61	1.64

Last 100m		Turn total time	5m before wall	5m after wall	from 5 to 15m after wall
Total time	Time	00:22.12	00:06.31	00:03.90	00:11.91
Av Time	Time	00:11.06	00:03.16	00:01.95	00:05.96
Speed	Metre/Sec	1.81	1.58	2.56	1.68

SwimLAB

GWANGJU 2019

Fina WORLD CHAMPIONSHIPS

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