

## iLumen European Solar Challenge 2021

24 Hours  
Laptimes - Race

18 - 19 September 2021

Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
8	Agoria Solar Team	346	1 - 10	4:03.340	3:37.195	3:42.256	3:56.210	3:41.314	3:36.753	3:42.218	3:41.268	3:40.965	3:37.021
			11 - 20	3:41.253	3:39.504	3:37.633	3:36.763	3:44.608	3:50.085	3:49.251	3:38.220	3:38.169	3:47.864
			21 - 30	3:44.241	3:38.700	3:50.975	3:42.385	3:37.361	3:37.172	3:40.231	3:37.058	3:45.076	3:40.195
			31 - 40	3:58.703	9:46.147	3:55.984	3:43.124	3:42.156	3:42.541	3:42.796	3:43.223	3:41.919	3:41.888
			41 - 50	3:42.079	3:41.700	3:41.862	3:42.524	3:44.858	3:42.683	3:43.403	3:46.450	3:43.658	3:43.949
			51 - 60	3:43.493	3:45.451	3:44.396	3:45.114	3:45.284	3:44.298	3:42.685	3:35.580	3:36.549	3:54.190
			61 - 70	3:35.747	3:58.391	9:37.690	3:35.290	3:39.717	3:36.005	3:37.578	3:41.338	3:35.513	3:35.664
			71 - 80	3:42.977	3:46.374	3:47.130	3:44.072	3:44.044	3:41.776	3:52.016	3:41.575	3:42.523	3:40.157
			81 - 90	4:31.874	3:46.079	3:49.095	3:39.921	3:48.148	3:44.166	3:41.903	3:47.179	3:43.138	3:41.298
			91 - 100	4:05.671	16:31.211	3:46.391	3:46.169	3:48.534	3:46.733	3:54.174	3:59.538	3:46.267	3:48.250
			101 - 110	3:44.533	3:49.840	3:46.605	3:46.655	3:52.220	3:49.670	3:51.959	3:47.995	3:44.794	3:43.286
			111 - 120	3:49.436	3:52.659	3:42.034	3:46.141	3:44.143	3:42.529	3:52.139	3:43.725	3:43.924	3:45.689
			121 - 130	3:48.819	4:15.230	10:21.820	4:00.602	3:48.296	3:42.949	3:41.124	3:51.832	3:39.835	3:38.502
			131 - 140	3:38.909	3:38.091	3:37.109	3:37.405	3:47.454	3:38.389	3:41.835	3:51.386	3:40.847	3:41.183
			141 - 150	3:39.761	3:40.999	3:41.193	3:39.621	3:39.289	3:39.578	3:44.785	3:47.699	3:39.564	3:40.814
			151 - 160	3:39.867	3:40.390	3:46.523	4:00.152	10:00.978	3:51.870	3:50.382	3:50.793	3:50.153	3:49.965
			161 - 170	3:50.763	3:54.444	3:54.091	4:00.090	4:00.877	4:04.011	4:00.650	3:56.300	3:54.712	3:49.738
			171 - 180	3:57.842	4:01.673	3:54.327	3:52.439	3:57.110	4:00.658	3:58.458	4:03.418	3:56.604	3:56.907
			181 - 190	3:55.309	3:55.842	4:29.601	1:03:14.557	3:50.562	4:01.920	3:47.147	3:52.601	3:52.874	3:41.119
			191 - 200	3:50.181	3:44.149	3:50.152	3:46.624	3:56.207	3:42.808	3:51.640	3:42.502	3:40.049	3:41.773
			201 - 210	3:40.930	3:41.077	3:46.598	3:41.868	3:41.977	3:40.541	3:47.907	3:42.234	3:42.783	3:41.111
			211 - 220	3:41.336	3:40.598	3:41.563	4:16.662	16:32.642	3:37.570	3:43.351	3:36.427	3:36.068	3:35.122
			221 - 230	3:37.782	3:34.728	3:34.010	3:38.211	3:34.908	3:35.993	3:34.303	3:35.170	3:35.052	3:35.613
			231 - 240	3:34.323	3:35.035	3:34.294	3:39.940	3:37.854	3:34.271	3:43.576	3:38.744	3:42.206	3:33.500
			241 - 250	3:36.953	3:35.548	3:35.726	3:34.210	3:36.759	3:35.210	4:00.269	12:37.590	3:50.247	3:44.313
			251 - 260	4:07.668	3:52.951	3:42.387	3:43.513	3:43.892	3:42.634	3:38.528	3:40.312	3:37.228	3:56.778
			261 - 270	3:34.959	3:35.918	3:36.441	3:35.467	3:36.774	3:47.662	3:38.828	3:38.500	3:46.645	3:39.811
			271 - 280	3:38.029	3:39.430	3:38.226	3:45.641	3:38.319	3:39.412	3:41.191	3:44.144	4:01.934	9:42.474
			281 - 290	3:41.706	3:41.677	3:40.457	3:51.021	3:44.528	3:40.640	3:42.341	3:40.785	3:44.866	3:41.032
			291 - 300	3:41.143	3:44.223	3:44.743	3:43.256	3:56.212	3:51.573	3:51.736	3:55.745	3:52.958	3:51.298
			301 - 310	3:51.313	3:50.925	3:54.239	3:54.676	4:03.680	4:00.328	4:04.006	4:04.258	4:03.563	4:31.251
			311 - 320	9:50.025	4:03.613	3:50.280	3:45.444	3:44.710	3:45.512	3:51.618	3:48.704	3:43.511	3:39.960
			321 - 330	3:41.177	3:52.739	3:39.829	3:48.147	3:39.673	3:41.312	3:41.525	3:46.495	3:41.854	3:42.426
			331 - 340	3:40.102	3:40.275	3:41.233	3:40.525	3:42.813	4:14.233	4:45.337	4:44.953	4:37.719	4:38.205
341 - 350	4:40.651	4:13.655	4:17.116	4:12.070	4:13.960	4:16.318							
21	Solar Team Tw ente	344	1 - 10	3:57.670	3:22.756	3:36.174	3:28.256	3:24.957	3:28.806	3:27.522	3:56.461	3:24.970	3:27.547
			11 - 20	3:39.089	3:31.789	3:31.908	3:31.353	3:43.038	3:27.654	3:30.634	3:51.214	3:31.752	3:30.656
			21 - 30	3:32.450	3:30.555	3:47.460	3:31.211	3:21.456	4:10.384	11:11.927	3:30.533	3:29.228	3:30.718
			31 - 40	3:27.810	3:23.137	3:25.208	3:29.413	3:28.905	3:28.277	3:26.858	3:27.232	3:22.834	3:25.000
			41 - 50	5:04.506	8:34.252	3:29.595	3:26.959	3:26.244	3:28.378	3:28.408	3:28.807	3:33.405	3:26.413
			51 - 60	3:30.293	3:28.211	4:14.501	3:49.790	3:31.428	3:27.839	3:47.497	9:43.925	3:35.733	3:38.567
			61 - 70	3:32.493	3:35.806	3:25.087	3:24.303	3:22.777	3:31.273	3:25.215	3:21.167	3:31.328	3:29.282
			71 - 80	3:19.219	3:27.526	3:37.036	3:34.031	3:41.732	3:23.281	3:28.578	3:34.727	3:28.795	3:39.507
			81 - 90	3:46.384	3:24.427	3:44.562	3:32.869	3:36.909	3:32.772	3:31.752	3:32.368	3:31.024	4:17.216
			91 - 100	11:20.294	5:41.021	3:37.762	3:31.817	3:40.136	3:32.964	3:31.371	3:43.425	3:40.123	3:41.423
			101 - 110	3:39.839	3:36.613	3:36.309	3:42.863	3:34.382	3:44.979	3:45.697	3:36.228	3:37.743	3:40.326

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Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			111 - 120	3:33.774	3:43.613	3:36.422	3:32.458	3:36.718	3:34.368	3:34.626	3:40.638	3:29.981	4:12.626
			121 - 130	9:39.822	3:30.220	3:29.758	3:28.073	3:33.666	3:50.722	3:38.643	4:32.044	1:11:27.059	3:41.055
			131 - 140	3:52.050	3:44.244	3:35.166	3:48.423	3:42.817	3:29.891	3:32.870	3:32.283	3:27.543	3:29.457
			141 - 150	3:28.166	3:35.261	3:28.878	3:25.633	3:26.689	3:34.696	4:17.289	3:54.813	3:28.229	3:34.537
			151 - 160	3:33.429	3:33.863	3:44.141	3:48.825	3:42.368	3:35.299	3:45.267	3:40.187	3:51.323	3:45.746
			161 - 170	4:17.231	12:04.911	7:24.513	3:34.230	3:34.451	3:29.872	3:33.466	3:34.823	3:34.548	3:37.616
			171 - 180	3:34.861	3:33.421	3:36.820	3:35.213	3:48.896	3:36.360	3:37.812	3:25.866	3:42.412	3:31.810
			181 - 190	3:34.115	3:42.846	3:42.443	3:29.330	3:46.747	3:32.863	3:59.580	3:36.989	3:47.299	4:06.518
			191 - 200	3:33.542	3:56.918	9:54.215	3:32.476	3:34.577	3:31.405	3:35.697	3:31.822	3:35.133	3:29.487
			201 - 210	3:27.585	3:28.146	3:29.690	3:30.609	3:30.143	3:28.762	3:30.901	3:23.532	3:23.839	3:25.016
			211 - 220	3:24.140	3:23.376	3:24.493	3:22.061	3:22.797	3:24.827	3:24.425	3:24.271	3:26.786	3:23.311
			221 - 230	3:23.170	3:28.230	3:29.447	3:25.364	3:42.378	1:11:45.901	3:35.010	3:38.929	3:54.020	3:36.039
			231 - 240	3:43.023	3:34.299	3:37.831	3:30.530	3:35.964	3:47.183	3:40.355	3:37.120	3:36.795	3:39.017
			241 - 250	3:31.338	3:37.081	3:40.179	3:39.156	3:43.662	3:42.757	4:02.631	13:51.864	3:31.551	3:30.846
			251 - 260	3:40.085	3:34.545	3:35.980	3:39.013	3:41.035	3:34.059	3:38.783	3:38.580	3:28.428	3:36.893
			261 - 270	3:32.824	3:28.200	3:31.348	3:39.837	3:32.751	3:35.338	3:29.704	3:33.629	3:29.156	3:29.754
			271 - 280	3:32.648	3:30.983	3:31.477	3:33.181	3:26.614	3:24.736	4:48.261	3:52.770	9:24.951	3:36.480
			281 - 290	3:25.951	3:27.158	3:27.010	3:29.302	3:30.033	3:46.114	3:47.491	3:26.568	3:30.484	3:26.984
			291 - 300	3:24.733	3:26.642	3:24.687	3:27.569	3:32.752	3:38.808	3:26.633	3:31.659	3:43.702	3:27.992
			301 - 310	3:26.716	3:34.546	3:33.411	3:34.318	3:42.687	3:29.516	3:30.832	3:31.165	3:51.194	9:28.335
			311 - 320	3:21.090	3:21.866	3:25.016	3:25.997	3:23.693	3:22.211	3:24.714	3:32.356	3:24.143	3:32.216
			321 - 330	3:22.290	3:33.636	3:24.947	3:21.876	3:26.090	3:23.345	3:21.251	3:22.721	3:26.235	3:17.269
			331 - 340	3:18.000	3:28.565	3:22.175	3:22.002	3:17.759	3:17.593	3:20.245	3:21.424	3:24.201	3:25.843
			341 - 350	3:25.298	3:31.244	3:59.846	4:04.400						
70	Sonnenwagen Aachen	282	1 - 10	4:24.653	4:16.961	4:19.970	4:25.960	4:17.674	4:17.777	4:18.278	4:24.589	4:49.467	4:38.499
			11 - 20	4:22.220	4:28.835	4:21.114	4:09.628	4:08.081	4:15.509	4:24.365	4:13.278	4:10.024	3:58.826
			21 - 30	4:04.719	4:01.705	4:00.676	3:58.120	4:11.041	4:04.105	4:17.367	10:02.810	4:12.215	4:02.131
			31 - 40	3:53.840	3:54.668	3:53.835	3:57.043	4:07.557	4:03.399	3:56.656	3:55.702	4:08.020	3:53.696
			41 - 50	3:44.355	3:59.756	3:56.975	3:57.032	3:56.612	3:56.162	3:52.482	3:58.436	3:54.005	3:55.116
			51 - 60	3:52.138	3:55.805	3:50.724	4:02.221	3:57.714	4:17.874	9:59.764	3:54.734	4:12.303	4:07.735
			61 - 70	3:59.994	4:10.482	4:03.646	4:01.513	4:14.754	4:12.609	4:20.751	5:02.142	4:04.575	4:08.102
			71 - 80	4:31.679	10:12.311	4:04.191	3:55.510	3:55.288	4:01.581	3:59.986	4:10.042	3:54.496	4:07.796
			81 - 90	4:04.816	4:13.595	4:21.932	4:46.868	10:11.813	3:48.233	3:48.473	3:49.200	3:48.373	3:52.486
			91 - 100	3:54.293	3:55.352	4:00.757	3:58.548	3:55.558	3:58.398	3:56.049	3:56.592	3:51.913	4:03.107
			101 - 110	3:53.998	3:54.073	3:53.531	3:53.358	3:49.456	3:55.348	3:48.985	3:56.486	3:52.882	3:59.021
			111 - 120	4:02.386	4:00.369	4:02.988	4:03.208	4:07.740	3:59.877	3:53.861	4:03.702	10:16.132	4:03.130
			121 - 130	4:10.093	4:08.333	3:56.857	4:13.968	1:18:47.020	4:30.264	4:01.869	3:58.664	4:04.340	3:53.023
			131 - 140	3:53.844	3:51.483	3:52.362	3:52.104	3:55.159	4:00.818	4:03.770	4:01.284	4:04.760	3:54.717
			141 - 150	3:56.913	3:55.357	3:52.617	3:55.608	3:50.493	3:56.113	4:00.673	3:53.837	3:56.164	3:54.355
			151 - 160	3:52.742	3:54.719	4:15.746	87:56.146	4:41.479	4:40.764	4:19.458	4:10.523	4:51.036	17:24.105
			161 - 170	11:42.899	14:02.795	4:08.013	4:05.147	3:54.682	3:52.788	3:53.846	4:02.829	4:00.068	4:07.039
			171 - 180	4:02.231	3:58.357	3:59.265	4:01.161	3:55.001	3:51.311	4:10.624	1:02:21.022	3:59.359	4:06.993
			181 - 190	4:04.820	4:03.115	3:58.173	4:02.950	4:00.730	4:00.319	3:59.561	4:01.273	4:00.041	3:56.389
			191 - 200	3:59.869	3:56.244	3:57.126	3:56.430	3:50.877	3:53.109	3:52.408	3:53.689	3:55.353	3:50.574
			201 - 210	3:53.906	3:52.143	3:49.795	3:45.946	3:52.003	3:47.782	4:08.396	9:57.549	3:47.914	3:52.134
			211 - 220	3:46.420	3:49.689	3:51.609	5:28.659	3:54.289	2:52.985	4:25.689	4:07.633	4:05.637	3:49.943

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Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			221 - 230	3:54.395	3:51.190	3:29.057	2:50.256	3:50.492	4:27.194	3:57.110	3:51.514	3:53.311	3:52.150
			231 - 240	3:50.829	4:01.612	4:02.731	3:59.173	4:00.347	3:57.203	4:06.754	10:23.615	4:05.774	4:02.394
			241 - 250	4:19.589	4:15.847	4:06.778	4:15.480	4:09.364	4:16.104	4:15.915	4:19.346	4:21.827	4:28.932
			251 - 260	4:25.919	4:48.741	37:55.628	4:43.759	4:43.888	4:44.055	4:30.331	4:40.292	17:47.691	4:50.149
			261 - 270	4:47.281	4:36.337	4:42.647	4:39.557	4:38.287	4:23.459	4:26.132	4:29.487	4:20.950	4:09.991
			271 - 280	4:09.712	4:10.752	4:07.943	4:10.678	4:03.303	4:07.827	4:14.625	4:26.428	4:43.256	4:52.268
			281 - 290	4:55.789	5:07.074								
11	Solar Car Team University Bochum	264	1 - 10	4:04.528	3:11.304	4:35.791	12:48.109	4:32.173	4:33.592	4:23.796	4:30.817	4:29.842	4:25.975
			11 - 20	4:19.729	4:20.233	4:23.951	4:20.906	3:56.627	3:57.707	3:57.560	4:01.868	4:19.279	12:08.358
			21 - 30	4:04.258	4:05.379	4:09.223	4:20.953	4:06.703	4:01.684	4:06.999	4:09.217	4:04.678	4:04.124
			31 - 40	4:07.651	4:03.491	4:10.374	4:11.447	4:03.530	4:08.922	4:12.060	4:03.544	4:04.902	4:04.230
			41 - 50	4:10.688	4:06.182	4:06.008	4:16.325	4:06.588	4:08.445	4:40.290	10:35.737	4:26.714	4:35.358
			51 - 60	4:39.613	4:42.812	4:44.400	4:39.159	4:38.055	4:40.101	4:41.258	4:40.013	4:42.434	4:35.610
			61 - 70	4:51.509	4:40.067	4:40.900	4:42.414	4:47.536	4:39.097	4:49.344	4:41.882	4:53.539	5:00.893
			71 - 80	5:15.962	21:41.026	4:33.887	5:16.921	9:00.541	4:20.401	4:20.956	4:18.117	4:21.208	4:16.961
			81 - 90	4:16.641	4:12.367	4:18.704	4:22.934	4:21.152	4:25.749	4:25.235	4:29.201	4:20.472	4:21.500
			91 - 100	4:21.852	4:31.671	4:27.818	4:27.323	4:23.498	4:53.462	12:17.487	4:14.203	4:24.654	4:27.113
			101 - 110	4:25.965	4:34.725	4:27.228	4:58.023	8:39.601	4:36.550	4:35.992	4:35.253	4:32.861	4:38.977
			111 - 120	4:44.703	4:42.506	4:46.550	4:44.946	4:41.157	5:10.965	25:59.982	4:55.818	4:55.551	4:54.147
			121 - 130	4:52.327	4:50.963	4:46.842	4:56.115	4:52.628	4:50.380	4:51.402	4:48.426	4:49.046	5:14.602
			131 - 140	4:56.184	5:05.141	4:48.118	4:52.023	4:58.962	4:52.005	4:51.703	4:47.614	4:50.606	5:19.107
			141 - 150	10:55.282	4:50.444	5:17.877	7:23.836	4:49.827	4:52.805	4:52.302	4:48.243	4:52.073	4:51.780
			151 - 160	4:51.091	4:53.367	4:53.840	4:51.345	4:54.325	4:55.159	5:48.984	4:52.322	4:52.866	4:52.236
			161 - 170	4:52.342	4:54.574	5:16.925	10:44.405	4:47.008	4:47.427	4:46.044	4:50.482	4:38.132	4:52.159
			171 - 180	4:50.833	4:51.608	4:51.175	4:49.202	4:50.841	4:52.190	4:53.774	5:00.542	5:28.097	6:03.656
			181 - 190	5:03.603	5:03.716	4:59.777	4:52.117	5:05.447	5:34.586	11:36.976	5:05.227	4:59.312	5:02.591
			191 - 200	5:02.299	5:03.161	5:01.647	5:04.252	5:00.611	5:02.312	5:04.434	5:00.493	5:05.879	5:04.052
			201 - 210	5:05.198	5:01.178	5:00.154	4:58.726	4:58.081	5:01.653	5:01.506	5:00.863	5:30.628	1:39:30.724
			211 - 220	4:58.549	4:55.918	4:51.568	4:50.395	4:53.050	4:48.496	4:50.005	4:51.422	4:48.828	4:47.503
			221 - 230	5:02.194	5:08.767	5:15.328	5:15.062	5:16.428	5:08.986	5:15.365	5:11.086	5:02.776	5:23.288
			231 - 240	15:38.148	5:05.719	4:59.785	4:55.974	4:58.137	4:43.401	4:42.879	4:11.452	4:14.004	4:10.513
			241 - 250	4:11.860	4:21.385	4:21.354	4:17.552	4:19.961	4:23.660	4:24.905	4:20.841	4:30.135	4:20.487
			251 - 260	4:37.710	10:28.798	4:26.984	4:27.096	4:27.005	4:27.978	4:34.061	4:24.105	4:16.099	4:19.912
			261 - 270	4:24.046	4:08.593	3:56.777	4:01.514						
31	Solar Energy Racers	251	1 - 10	5:03.255	5:06.131	5:08.054	4:33.393	4:48.874	4:40.063	4:42.203	4:42.199	4:44.669	4:49.469
			11 - 20	4:33.828	4:58.713	5:01.230	4:54.115	4:58.191	4:50.978	4:52.586	4:48.867	4:47.882	4:56.150
			21 - 30	4:53.165	4:32.743	5:14.300	12:02.757	4:52.727	5:01.443	4:52.292	4:56.607	5:02.085	5:12.937
			31 - 40	4:50.088	4:51.387	4:50.636	4:59.453	4:39.757	4:47.212	4:51.009	4:52.821	4:47.566	4:46.702
			41 - 50	4:46.072	4:41.563	4:45.305	4:37.008	4:40.758	4:39.182	4:47.153	10:23.158	4:16.398	4:17.436
			51 - 60	4:20.802	4:17.174	4:21.847	4:20.324	4:25.286	4:33.026	4:52.719	4:28.263	4:27.783	4:33.572
			61 - 70	4:46.704	4:28.543	4:48.030	4:46.903	4:40.291	4:23.272	4:32.964	4:37.039	4:34.681	4:31.718
			71 - 80	4:31.801	4:56.388	10:44.131	4:34.933	4:32.482	4:00.522	4:15.607	5:09.490	7:00.242	4:38.637
			81 - 90	4:08.932	4:11.675	4:22.832	4:34.319	4:39.068	4:37.023	4:25.967	4:32.291	4:15.521	4:01.648
			91 - 100	4:15.957	4:22.977	4:23.151	4:32.446	4:14.903	4:06.980	4:29.862	16:36.598	4:43.378	4:44.591
			101 - 110	4:45.586	4:48.390	4:47.125	4:43.141	4:43.534	4:56.914	4:56.497	4:49.532	5:09.518	5:22.173
			111 - 120	4:52.006	4:56.669	4:53.938	4:52.699	5:10.326	2:06:44.434	5:12.511	4:08.281	4:07.414	4:06.800

## iLumen European Solar Challenge 2021

24 Hours  
Laptimes - Race

18 - 19 September 2021

Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			121 - 130	4:20.792	4:11.559	4:12.049	4:19.735	4:20.593	4:17.544	4:14.934	4:19.398	4:10.712	4:08.055
			131 - 140	4:35.736	4:45.438	4:39.044	4:43.155	4:21.191	4:43.095	4:24.667	4:35.060	4:25.840	4:26.823
			141 - 150	4:51.548	10:45.124	4:31.859	4:22.363	4:28.765	4:22.086	4:15.793	4:17.378	4:24.476	4:24.959
			151 - 160	4:30.512	4:22.711	4:15.376	3:59.278	4:26.530	4:24.316	4:44.908	6:21.698	11:01.240	4:25.482
			161 - 170	4:10.508	4:09.632	4:35.236	12:08.413	4:41.400	4:43.715	4:41.255	4:39.784	4:37.531	4:44.662
			171 - 180	4:47.997	4:36.771	4:45.237	4:36.505	4:32.467	4:36.602	4:51.353	4:40.133	4:47.235	4:36.242
			181 - 190	4:44.743	4:35.320	4:40.220	4:36.432	4:42.313	4:56.840	1:27.46.108	4:23.618	4:56.348	4:51.375
			191 - 200	4:35.159	4:28.736	4:36.968	4:33.694	4:33.746	4:37.218	4:43.596	4:45.084	4:42.440	4:39.477
			201 - 210	4:38.727	4:37.534	4:42.061	4:37.569	4:43.697	4:38.020	4:30.895	4:33.531	5:08.419	16:06.362
			211 - 220	4:43.037	4:37.324	4:38.466	4:40.547	4:39.713	4:36.784	4:42.447	4:37.773	4:34.281	4:36.649
			221 - 230	4:41.186	4:33.996	4:36.833	4:40.380	4:36.731	4:31.608	4:54.391	12:14.124	3:57.565	4:10.262
			231 - 240	4:10.570	4:11.846	4:22.168	4:29.910	7:45.523	4:03.278	4:00.926	4:50.826	12:01.271	4:26.600
			241 - 250	4:03.929	4:02.570	4:02.172	4:01.564	4:19.130	4:06.565	4:12.442	4:09.796	4:06.022	4:24.896
			251 - 260	6:25.346									
45	Lodz Solar Team	235	1 - 10	4:30.397	4:15.141	4:22.447	4:27.647	4:21.700	4:20.259	4:35.540	11:59.295	4:28.579	4:34.796
			11 - 20	4:19.848	4:21.786	4:28.537	4:23.216	4:32.561	4:24.529	4:25.917	4:29.562	4:24.701	4:32.449
			21 - 30	4:45.724	21:11.812	4:22.716	4:35.866	4:32.560	4:23.542	4:29.143	4:32.865	4:37.318	4:59.556
			31 - 40	21:37.537	4:57.460	5:18.356	5:05.268	4:59.520	4:50.998	4:54.601	4:53.549	4:56.452	19:27.252
			41 - 50	4:28.455	4:28.609	4:21.311	4:18.026	4:09.960	4:08.760	4:19.931	4:29.316	4:26.212	4:31.794
			51 - 60	4:24.670	4:34.644	4:43.574	4:29.896	4:30.260	4:32.849	4:40.058	5:10.838	4:58.223	5:04.220
			61 - 70	5:24.553	5:31.094	5:34.609	4:35.725	4:44.674	4:32.269	4:39.252	4:45.489	4:54.504	5:02.086
			71 - 80	4:45.845	4:46.560	4:46.077	4:46.282	4:41.851	4:44.943	4:40.623	4:46.571	4:39.347	4:42.010
			81 - 90	4:41.739	4:56.255	4:57.461	5:08.364	3:54.6.668	5:16.152	5:33.401	5:14.681	5:26.588	5:18.761
			91 - 100	5:07.815	5:10.166	5:18.333	5:40.860	5:42.294	5:44.443	5:47.294	5:51.652	5:25.177	5:22.302
			101 - 110	5:10.435	5:42.749	21:57.044	5:12.325	5:12.312	5:18.738	5:25.541	5:41.030	5:36.100	5:21.166
			111 - 120	5:29.160	5:29.572	5:17.809	5:14.211	5:12.292	5:10.222	5:11.546	5:48.639	34:26.415	4:34.962
			121 - 130	5:02.685	16:21.240	4:28.525	4:27.804	4:17.819	4:21.269	4:56.012	17:18.672	5:03.997	5:03.411
			131 - 140	4:59.008	4:50.533	4:49.161	5:02.626	4:59.961	5:01.900	4:54.081	4:48.558	4:35.515	4:30.346
			141 - 150	4:30.302	4:24.670	4:25.266	4:39.847	4:46.704	4:39.509	4:40.974	4:43.851	5:22.694	17:56.758
			151 - 160	4:41.295	4:37.051	4:31.319	4:27.520	4:27.933	4:29.354	4:30.101	4:29.818	4:34.165	4:25.973
			161 - 170	4:31.117	4:31.915	4:32.526	4:33.407	4:33.565	4:30.941	4:36.980	4:30.160	4:48.171	4:35.178
			171 - 180	4:34.950	4:41.080	4:41.761	4:37.188	4:43.742	4:50.278	4:44.293	4:44.536	5:00.246	16:48.903
			181 - 190	5:12.826	5:34.098	5:29.833	5:17.912	5:35.995	5:22.810	5:35.107	5:25.509	5:17.868	5:20.482
			191 - 200	5:16.624	5:22.336	5:22.651	5:07.511	5:06.151	4:57.176	4:57.516	4:58.738	4:56.927	5:15.592
			201 - 210	15:36.209	4:47.348	4:53.176	4:23.270	4:12.976	4:10.188	4:15.210	4:29.822	4:29.610	4:20.945
			211 - 220	4:13.074	4:11.674	4:14.367	4:04.282	4:20.343	4:38.380	4:23.971	4:17.418	4:15.602	4:49.989
			221 - 230	4:35.083	4:33.166	5:06.689	13:11.526	4:54.268	5:04.275	5:35.649	6:07.010	6:00.972	6:15.493
			231 - 240	51:15.783	7:51.822	5:38.410	5:40.765	7:36.711					
51	Chalmers Solar team	227	1 - 10	5:33.348	5:28.025	5:44.315	5:41.917	6:07.933	5:42.684	5:48.334	5:37.243	5:41.799	5:27.338
			11 - 20	5:41.415	5:32.966	5:59.785	15:03.750	5:59.962	9:14.492	4:30.220	4:29.509	4:21.822	4:21.774
			21 - 30	4:21.743	4:20.391	4:21.717	4:17.011	4:18.303	4:19.618	4:21.391	4:16.563	4:12.212	4:13.404
			31 - 40	4:15.047	4:33.229	4:13.465	4:11.284	4:33.763	10:43.772	4:39.450	4:26.313	5:15.477	5:23.542
			41 - 50	5:17.976	5:14.403	5:16.657	4:58.615	5:27.648	5:25.365	5:03.614	5:05.119	5:00.584	5:03.324
			51 - 60	4:54.832	4:59.793	5:19.271	5:23.756	5:18.070	5:21.042	5:21.718	11:19.939	5:26.088	5:38.150
			61 - 70	5:39.632	5:44.685	5:08.392	5:01.513	4:46.664	4:37.921	4:34.826	4:37.409	4:40.985	4:38.595
			71 - 80	4:34.126	4:32.016	4:14.129	4:10.970	4:00.322	4:04.047	4:01.059	4:01.733	4:13.525	4:16.242

## iLumen European Solar Challenge 2021

24 Hours  
Laptimes - Race

18 - 19 September 2021

Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			81 - 90	4:39.322	11:01.142	4:30.105	4:25.038	4:07.232	4:05.700	3:59.892	3:56.520	4:00.603	3:57.753
			91 - 100	3:55.606	4:35.006	4:40.058	5:50.838	2:58.14.0 76	4:49.231	4:25.857	4:38.412	4:38.336	4:26.530
			101 - 110	4:26.685	4:36.016	4:52.211	4:49.496	5:03.911	11:43.107	4:57.891	5:03.156	5:26.393	5:19.512
			111 - 120	5:23.303	5:22.774	5:15.068	5:17.958	5:14.137	5:14.218	5:11.176	5:17.320	5:32.435	5:21.091
			121 - 130	5:16.606	5:17.704	5:20.974	5:21.216	5:19.854	5:23.798	5:52.777	10:45.116	4:38.541	4:36.921
			131 - 140	4:49.862	5:01.137	5:00.466	5:00.015	4:59.752	5:01.135	4:58.803	4:55.400	5:00.557	4:57.368
			141 - 150	4:55.760	4:57.781	4:57.924	4:58.102	4:55.400	4:57.137	4:46.576	4:41.240	4:40.225	5:06.984
			151 - 160	1:23.47.0 75	5:44.795	5:43.170	5:08.422	5:05.008	5:03.460	5:13.645	5:12.125	5:10.926	5:26.592
			161 - 170	5:04.738	5:09.849	5:15.007	5:08.032	5:08.772	5:21.720	5:18.016	5:24.856	5:23.940	5:05.901
			171 - 180	5:28.103	10:50.176	4:48.332	4:40.199	4:34.747	4:41.730	4:36.756	4:30.811	4:59.521	5:02.675
			181 - 190	4:59.368	5:25.991	5:16.221	5:09.323	5:11.491	5:06.866	5:12.797	5:11.891	11:18.201	5:04.334
			191 - 200	4:39.859	4:48.570	4:49.451	4:48.572	4:49.891	4:51.036	4:46.775	4:47.979	4:46.226	4:42.350
			201 - 210	4:40.875	5:01.546	11:39.902	5:17.674	5:31.244	5:21.621	5:25.152	5:33.378	5:23.613	5:29.745
			211 - 220	5:24.377	5:23.771	4:58.990	4:58.277	4:51.721	4:49.165	4:49.609	4:59.703	4:54.042	4:49.092
			221 - 230	4:33.840	4:44.086	5:03.837	5:09.720	5:03.087	5:13.482	5:50.972			
42	Solar Car Team University Bochum	209	1 - 10	4:16.125	3:05.730	4:15.258	4:21.698	4:25.818	4:28.945	18:11.284	4:19.242	4:19.384	4:19.197
			11 - 20	4:21.364	4:22.246	4:21.054	4:14.189	4:14.538	4:16.202	4:16.992	4:12.870	4:13.308	4:17.180
			21 - 30	4:14.665	4:21.543	4:16.888	4:15.338	4:14.275	4:14.430	4:14.350	4:30.952	10:54.155	4:10.492
			31 - 40	4:15.247	4:16.601	4:18.591	4:14.027	4:28.274	4:32.919	4:16.925	4:17.201	4:17.145	4:11.651
			41 - 50	4:17.138	4:17.829	4:17.325	4:15.019	4:21.103	4:12.946	4:14.215	4:08.793	4:15.629	4:12.888
			51 - 60	5:01.254	8:42.809	4:37.575	10:34.890	5:04.601	9:16.096	4:32.46.0 40	13:25.633	4:38.076	4:43.165
			61 - 70	4:39.712	4:36.833	4:40.389	4:31.705	4:37.156	4:38.560	4:43.354	5:32.695	32:16.936	4:36.286
			71 - 80	4:44.955	4:44.682	4:42.383	4:54.174	4:53.953	4:39.230	4:34.210	5:18.948	38:10.585	4:31.973
			81 - 90	4:28.724	4:27.335	4:28.919	4:28.992	4:50.424	10:40.729	4:43.857	4:48.645	4:41.963	4:42.621
			91 - 100	4:50.681	4:44.684	4:55.713	5:49.304	4:44.190	4:50.452	5:10.071	6:08.553	4:48.107	4:44.468
			101 - 110	4:44.490	4:49.604	5:04.401	9:53.011	4:50.255	4:40.355	4:34.966	4:38.172	4:36.470	4:42.804
			111 - 120	4:38.299	4:38.491	4:39.232	4:35.752	4:37.228	4:35.751	4:35.534	5:36.272	1:13.55.0 62	4:24.673
			121 - 130	4:19.526	4:21.112	4:16.646	4:15.909	4:20.317	4:13.236	4:24.259	4:17.303	4:17.787	4:19.258
			131 - 140	4:08.365	4:18.887	4:11.547	4:16.908	4:11.644	4:14.720	4:19.272	4:14.646	4:16.746	4:19.561
			141 - 150	4:16.506	6:30.333	18:29.069	5:06.531	5:04.717	4:44.492	4:35.842	4:49.597	4:48.830	4:44.240
			151 - 160	4:41.582	4:45.829	4:49.557	4:41.808	4:39.642	4:49.110	4:46.169	4:48.807	4:42.781	4:40.531
			161 - 170	4:40.059	4:41.970	4:41.708	5:03.924	10:43.407	4:33.969	4:22.942	4:27.877	4:33.354	4:33.784
			171 - 180	4:30.037	4:32.301	4:30.726	4:36.735	4:32.562	4:33.699	4:34.048	4:36.522	4:33.203	4:21.038
			181 - 190	4:29.634	4:26.282	5:02.152	11:01.290	5:23.314	9:31.423	4:50.439	4:35.956	4:34.085	4:36.783
			191 - 200	4:48.376	4:40.193	4:40.999	4:39.659	4:40.602	4:43.526	5:00.500	4:53.569	4:55.248	4:56.295
			201 - 210	4:53.573	4:47.768	4:48.840	5:03.515	5:05.597	4:57.947	4:58.377	5:23.533	6:31.041	
9	Onda Solare	204	1 - 10	5:18.216	5:08.209	5:16.695	5:19.776	5:24.992	5:23.909	5:24.758	5:42.514	5:27.707	5:23.831
			11 - 20	5:20.192	5:26.619	5:23.587	5:16.187	5:22.006	5:26.097	5:27.199	5:24.490	5:22.789	5:22.933
			21 - 30	5:22.858	5:26.089	5:45.913	14:09.166	5:07.793	5:13.457	5:11.515	5:10.779	5:14.869	5:17.561
			31 - 40	5:12.999	5:13.369	5:12.364	5:16.194	5:09.617	5:10.208	5:12.246	5:08.854	5:10.808	5:09.380
			41 - 50	5:08.299	5:08.196	5:07.729	5:08.831	5:07.400	5:40.167	11:52.198	5:14.975	5:01.730	28:37.461
			51 - 60	4:54.331	5:17.682	4:48.037	4:59.723	5:07.707	4:55.913	5:01.056	4:58.997	4:57.312	4:58.988
			61 - 70	5:00.469	4:58.514	5:00.547	5:28.162	11:57.844	5:07.729	5:02.895	5:08.842	5:12.261	4:55.397
			71 - 80	4:59.267	13:28.268	2:35.17.0 93	4:59.481	4:59.378	5:14.308	5:02.170	4:45.009	5:33.652	13:38.011
			81 - 90	5:03.542	5:01.900	4:59.637	5:01.904	5:30.448	5:19.093	5:03.867	4:58.582	4:46.957	4:46.899
			91 - 100	5:04.616	4:47.811	4:50.751	4:50.521	5:29.621	12:11.839	4:58.704	4:52.056	4:50.815	4:51.865

## iLumen European Solar Challenge 2021

24 Hours  
Laptimes - Race

18 - 19 September 2021

Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			101 - 110	4:49.364	4:48.898	4:48.955	4:50.399	4:59.967	4:43.307	4:49.603	4:50.975	4:49.171	4:52.795
			111 - 120	4:59.565	4:59.671	5:40.789	4:51.444	4:58.969	4:56.312	4:58.426	4:54.740	5:30.518	2:31:13.6 84
			121 - 130	5:04.387	5:01.120	4:59.380	4:57.125	5:00.000	5:00.397	5:00.137	4:58.815	5:00.336	5:00.065
			131 - 140	4:58.319	4:57.093	4:56.682	4:54.564	4:49.306	5:02.742	5:02.141	4:57.262	5:04.016	5:02.862
			141 - 150	4:58.029	5:03.077	5:17.835	11:25.834	5:05.567	5:07.327	5:09.135	5:06.501	5:05.288	5:06.617
			151 - 160	5:05.753	5:05.537	5:07.659	5:06.253	5:07.242	5:05.380	5:11.141	5:17.289	5:09.847	5:10.976
			161 - 170	5:12.345	5:11.309	5:14.744	5:11.517	5:46.669	11:19.042	4:55.585	5:01.378	5:03.802	5:04.485
			171 - 180	5:11.598	5:03.483	5:16.111	5:14.639	5:13.967	5:11.138	5:28.594	5:15.854	5:20.683	5:29.799
			181 - 190	5:23.647	5:27.053	5:19.398	5:31.061	5:27.135	5:38.061	11:16.638	5:01.088	5:21.235	5:29.007
			191 - 200	5:20.808	5:22.334	3:36.718	5:42.850	6:29.921	6:32.360	6:28.203	6:37.605	6:42.371	7:24.742
			201 - 210	6:10.336	5:32.308	6:01.684	6:34.388						
81	Solar Team Solaris	187	1 - 10	4:26.699	4:57.494	4:54.893	4:55.967	4:55.977	4:57.198	5:10.473	5:21.345	5:06.621	5:08.065
			11 - 20	5:01.426	5:01.078	4:51.864	4:48.509	4:59.646	5:02.169	4:56.847	4:46.081	4:50.383	4:48.861
			21 - 30	4:47.876	4:47.357	4:46.303	5:00.459	12:19.477	5:30.602	5:12.399	5:15.595	5:16.002	5:32.798
			31 - 40	5:17.052	5:19.409	5:26.336	5:25.189	5:06.918	5:36.569	5:34.246	5:30.532	5:47.758	5:41.859
			41 - 50	5:53.023	6:05.326	6:06.473	6:01.935	6:11.403	14:04.106	14:17.525	5:29.368	5:33.889	5:23.662
			51 - 60	5:42.315	5:39.130	5:34.379	5:28.967	5:46.051	6:01.728	5:51.472	6:03.151	6:01.045	6:04.252
			61 - 70	5:53.254	5:54.743	6:42.314	10:51.325	4:44.374	4:48.571	4:48.995	4:46.917	4:49.570	4:48.612
			71 - 80	4:47.025	5:27.669	5:28.141	5:26.313	5:19.701	5:44.621	5:50.297	5:46.955	6:11.877	27:05.563
			81 - 90	6:34.691	6:13.638	6:20.165	6:11.291	6:15.177	6:10.845	6:13.186	6:14.711	6:42.554	21:28.775
			91 - 100	5:30:46.5 93	13:44.821	4:49.542	4:45.356	4:35.974	4:30.533	4:32.892	4:29.430	4:50.535	5:01.383
			101 - 110	5:04.223	5:00.261	4:50.003	4:58.992	4:52.939	4:58.039	5:01.201	4:59.864	5:00.714	5:07.708
			111 - 120	4:56.128	4:57.780	4:57.184	5:22.143	11:54.121	5:40.364	5:14.322	5:15.555	5:34.066	5:42.496
			121 - 130	5:28.859	5:18.840	5:17.434	5:20.563	5:06.901	5:27.613	5:31.843	5:50.618	5:19.748	5:41.956
			131 - 140	5:28.278	5:45.034	5:49.304	5:38.413	5:44.630	6:09.666	19:05.336	5:08.645	5:07.652	4:59.004
			141 - 150	5:03.140	5:05.584	5:05.985	5:07.267	5:30.016	1:28:51.9 58	4:28.538	4:27.554	4:30.528	4:29.343
			151 - 160	4:31.870	4:31.099	4:33.793	4:41.697	4:42.617	5:02.855	12:46.829	6:16.423	6:18.525	6:15.709
			161 - 170	5:56.364	6:05.778	6:02.792	5:40.716	5:41.553	5:20.880	5:40.684	6:00.400	5:44.916	5:02.191
			171 - 180	5:19.856	11:57.548	5:56.740	5:58.741	6:19.506	7:02.354	5:54.866	6:29.945	6:24.710	6:34.223
			181 - 190	6:26.812	6:09.531	6:33.701	37:01.157	5:18.800	5:23.739	5:17.902			
7	Sonnenwagen Aachen	118	1 - 10	5:58.430	5:16.217	5:16.038	4:47.783	4:50.900	4:40.545	4:38.780	4:39.990	4:49.831	4:30.818
			11 - 20	4:37.342	4:32.321	4:41.469	4:44.576	4:11.012	4:13.065	4:18.902	4:16.900	4:20.568	4:21.477
			21 - 30	4:17.553	4:16.838	4:19.315	4:09.194	4:23.549	21:32.283	4:27.498	4:21.694	4:07.410	4:12.686
			31 - 40	4:18.800	4:01.686	3:49.903	4:06.770	4:19.297	3:58.822	4:10.310	4:22.908	4:10.344	4:17.704
			41 - 50	4:27.872	4:15.617	4:13.801	4:19.454	4:17.511	4:17.811	4:25.857	4:13.293	4:16.663	4:11.453
			51 - 60	4:16.664	4:34.204	43:54.702	4:16.698	17:44.003	1:35:23.5 62	8:17.974	3:16:13.5 99	4:02.240	4:00.814
			61 - 70	4:00.943	4:01.752	4:09.756	3:54.228	3:51.099	3:43.311	3:33.937	3:36.236	3:45.093	3:34.984
			71 - 80	3:33.610	1:24:52.3 15	3:44.766	3:47.691	4:07.823	3:37.170	3:42.601	4:19.163	10:58.821	4:29.733
			81 - 90	4:30.172	4:28.647	5:21.151	4:18.813	4:07.818	4:02.674	4:01.980	3:54.775	4:02.339	3:58.251
			91 - 100	3:53.865	3:50.232	3:50.741	3:52.569	3:45.392	3:43.865	3:49.911	3:46.490	3:43.928	3:46.020
			101 - 110	3:53.255	5:08.948	8:06.174	3:50.217	3:56.906	6:58.938	3:53.905	10:56.673	4:42.065	4:31.255
			111 - 120	4:40.619	5:12.834	1:17:34.2 88	4:02.704	3:56.365	4:01.848	3:45.995	14:28.971		
34	ITU Solar car Team	82	1 - 10	4:27.753	4:51.322	9:17.446	4:16.246	4:40.380	4:32.877	4:37.367	4:40.084	4:35.817	4:33.743
			11 - 20	4:38.650	4:31.624	4:40.978	4:48.377	4:37.732	4:29.913	4:40.710	4:31.176	4:30.643	4:38.281
			21 - 30	4:42.897	4:35.817	4:33.272	4:34.901	4:38.706	4:40.494	5:11.178	11:32.879	4:50.491	4:46.911
			31 - 40	4:48.605	4:50.034	4:45.363	4:45.255	4:34.531	4:34.461	4:39.897	4:41.527	4:40.737	4:39.729

## iLumen European Solar Challenge 2021

24 Hours  
Laptimes - Race

18 - 19 September 2021

Nbr	Name	Laps	lap	Lap ..1	Lap ..2	Lap ..3	Lap ..4	Lap ..5	Lap ..6	Lap ..7	Lap ..8	Lap ..9	Lap ..0
			41 - 50	4:36.258	4:33.706	4:32.897	4:35.228	4:29.571	4:31.436	4:32.014	4:27.967	4:32.843	4:32.099
			51 - 60	4:32.341	4:51.152	22:16.246	4:45.967	4:56.699	4:38.014	4:40.504	4:47.027	4:43.642	4:40.960
			61 - 70	4:55.795	4:50.182	4:38.693	18:59.351	19:23.255	4:34.357	4:30.674	4:35.684	4:33.527	4:26.937
			71 - 80	4:23.887	4:28.651	4:54.307	11:12.244	5:03.610	4:56.716	5:06.312	5:41.629	3:28.00.283	5:15.903
			81 - 90	5:21.565	26:44.357								
99	Solis EV Cluj-Napoca Racing Team	7	1 - 10	5:59.871	4:58.887	5:02.927	4:52.956	4:45.812	4:27.559	14:41.574			