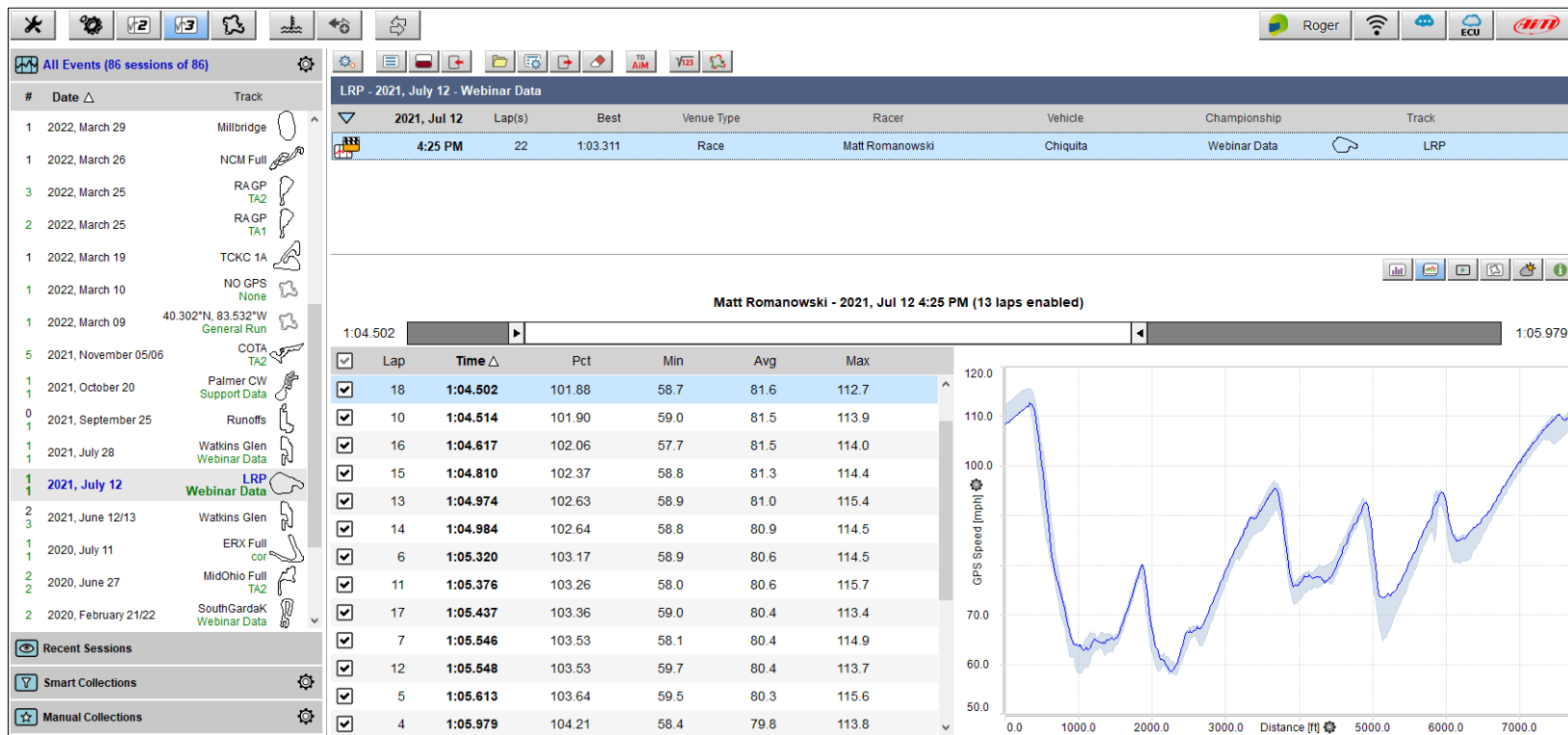


Race Studio 3 Test Database

Settings and Tips for the Best Use of This RS3A Function



Host:

Roger Caddell

AiM Sports - National Training Manager



Co-Host:

Emiliano Bina

AiM-Sportline - Software Team Leader



aimsports.com

Tuesday May 17th, 2022

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Emiliano Bina

software@aim-sportline.com



- Graduated in 2000 as Road Vehicles Engineer with a Thesis on a Simulation Model for Toyota Prius Hybrid Powertrain
- Software Developer for AiM Since 2000: RaceStudio2 Analysis, DragAnalyzer, GPSManager, RaceStudio3
- Passion for Sim Racing and Motorsport, Cooperated for Data Analysis in Endurance Races
- Many Time AiM Sports Webinar Co-Host!



Emiliano Bina

AiM-Sportline Software Developer

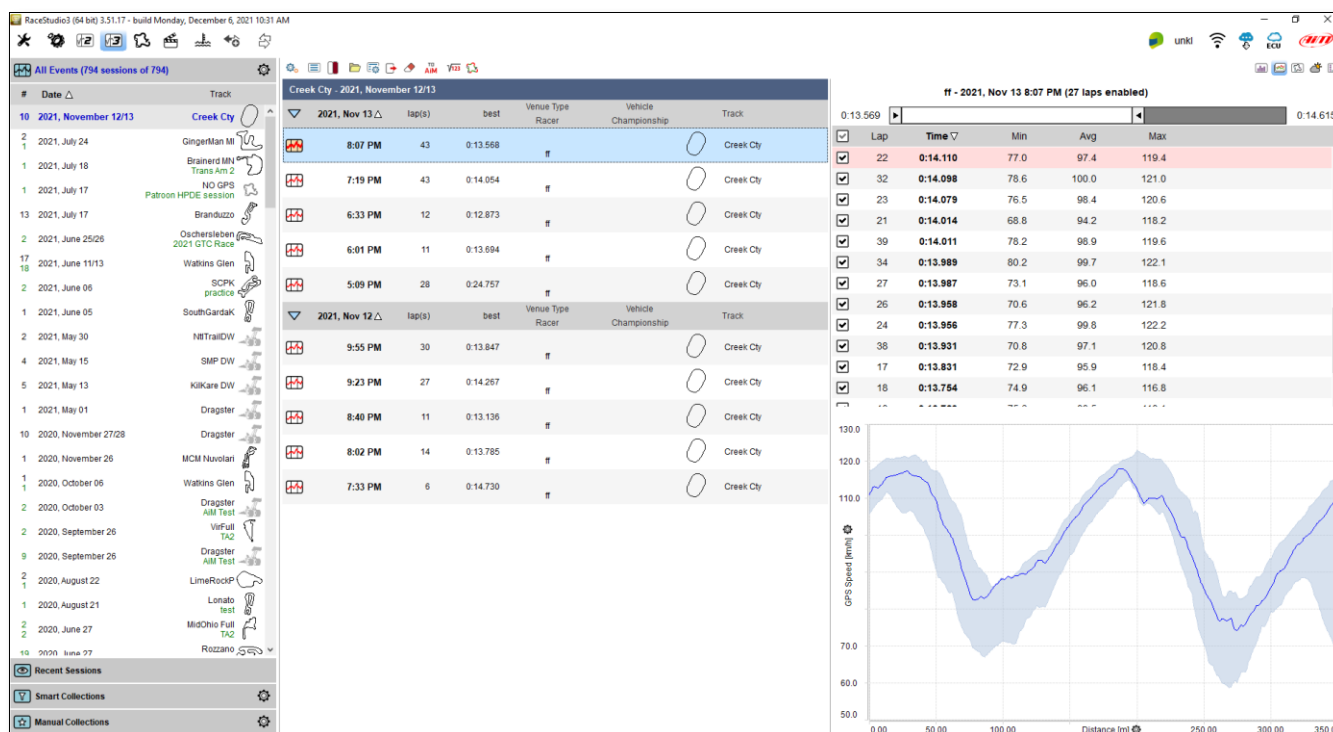
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Analysis DataBase

The RS3A database is all what's everything is built upon. All data are imported (except from video streams), to be quicker in reviewing everything, starting with the preview window.



Race Studio 3 Test Database

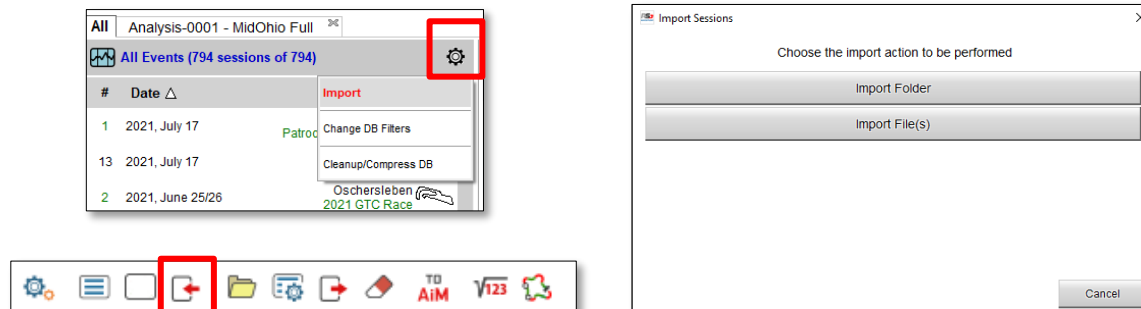
Analysis DataBase

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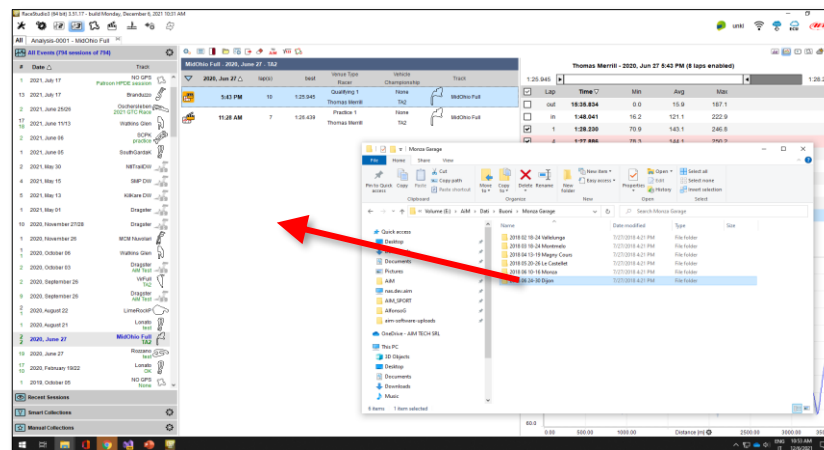
Importing Data

The first time you open the analysis the database appears as a blank page.

Use the “Import” menu, from the cogged wheel or from the toolbar.



Drag and Drop from Windows Explorer™ into the main RS3A DB list.

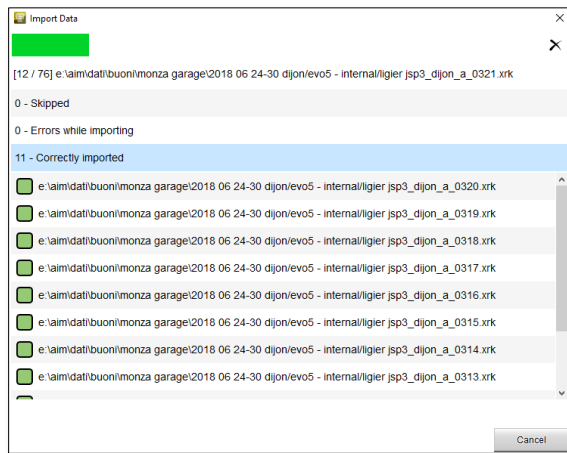


Race Studio 3 Test Database

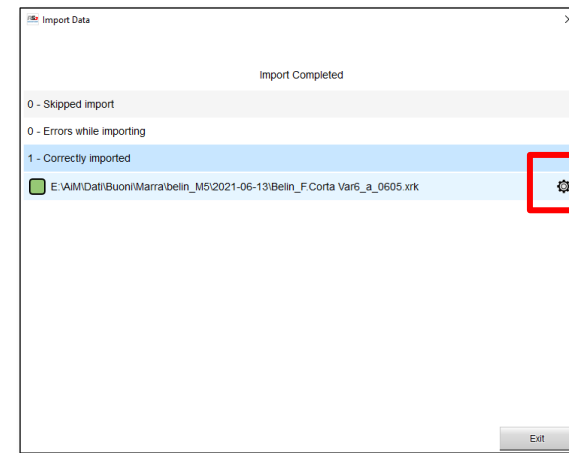
Importing Data

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Importing Data



The import progress status will be notified.
The cogged wheel will allow you to open the containing folder in Windows Explorer



Data just imported will result in being selected.
This will happen also after a data download.

RaceStudio3 (64 bit) 3.51.17 - build Monday, December 6, 2021 10:31 AM

All Analysis-0001 - MidOhio Full

All Events (857 sessions of 857)

#	Date	Track
4	2018, July 07/08	M. Tremblant None
2	2018, July 07	M. Tremblant PCADE
new	2018, Jun-28/Jul-01	Dijon
1	2018, June 18	42.931°N, 71.502°W
1	2018, June 18	42.896°N, 71.401°W
1	2018, June 18	42.824°N, 71.289°W
1	2018, June 18	42.778°N, 71.170°W
1	2018, June 18	43.007°N, 71.079°W
2	2018, May 19	Watkins Glen
1	2018, May 19	Watkins Glen

Dijon - 2018, Jun-28/Jul-01							
	2018, Jul 01	lap(s)	best	Venue Type	Vehicle	Championship	Track
new	4:38 PM	14	1:18.896	Generic testing	ligier jsp3	None	Dijon
new	4:08 PM	21	1:18.413	Generic testing	ligier jsp3	None	Dijon
new	4:07 PM	1	0:48.207	Generic testing	ligier jsp3	None	Dijon
new	4:06 PM	1	0:12.226	Generic testing	ligier jsp3	None	Dijon
new	4:02 PM	2	1:47.134	Generic testing	ligier jsp3	None	Dijon
new	4:00 PM	1	0:22.761	Generic testing	ligier jsp3	None	Dijon

Race Studio 3 Test Database

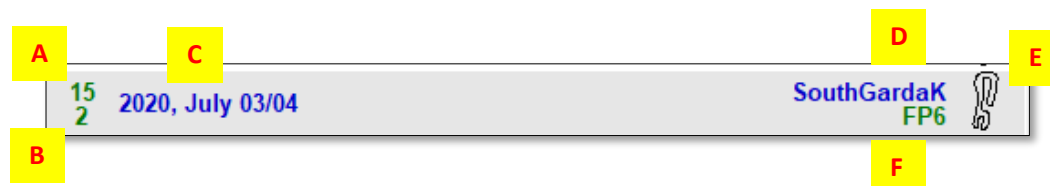
Importing Data

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Left Column - Calendar

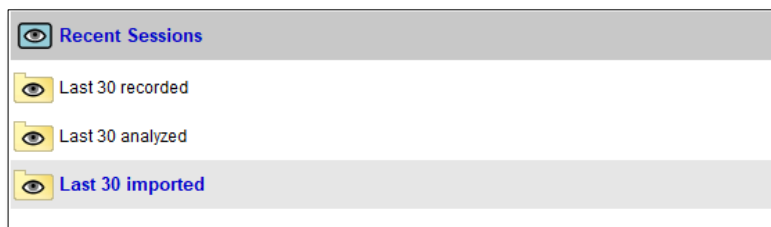
#	Date	Track
1	2022, January 14	Dubai 24H SERIES
2	2022, January 14	Sebring Full
19	2022, January 10/13	AIM
3	2022, January 12	37.153°N, 126.843°E Drift
2	2021, December 17	45.537°N, 9.335°E
2	2021, December 14	
4	2021, December 04	Vallelunga
4	2021, December 01/03	
1	2021, November 18	Summit Main None
10	2021, November 12/13	Creek City
1	2021, November 09	SPANishiura
2	2021, November 07	SilverstnNAT WHT
2	2021, October 31	NHMS Road Test
1	2021, October 30	DentonTX None
1	2021, October 24	Whilton INT
0	2021, October 24	NCM Bike
2	2021, October 23	IrwindaleS FORMULADRIFT 2021
5	2021, October 20	Palmer CW 20210320Test
5	2021, October 17	Jeff. Ext.
1	2021, October 12	VirFull
1	2021, October 05	35.444°N, 82.490°W
10	2021, September 25/26	StAgatha

RS3 features a smart calendar, dividing sessions by event (week based), championship and track.



- A. Number of sessions
- B. Number of videos
- C. Event date (week days for sessions)
- D. Track
- E. Track shape
- F. Championship

Left Column – Recent Sessions



Almost self explaining, useful to identify the most recently used.

Left Column – Smart Collections

Smart Collections feature a search by criteria.

The screenshot shows the Race Studio 3 interface. On the left, the 'Smart Collections' section is active, displaying a search box with 'Sebring' and a list of collections. A 'New Smart Collection' dialog is open, showing a 'Smart Collection Name' field with 'Sebring' and a search box with 'Sebring'. The main window displays a table of session data for Sebring.

Session Date/Time	Lap(s)	Best	Venue Type	Vehicle	Track
2022, Apr 25, 9:47 AM	12	1:14.929	T2 - Flis House ...	VIN 0380 LRR N...	Sebring
2022, Feb 02, 12:06 PM	7	2:08.801	Test	TA2 Mustang (Ne...	Sebring Full
2022, Jan 14, 2:11 PM	10	2:33.137	Ryan Heishman	146	Sebring Full
2022, Jan 14, 9:05 AM	11	2:32.834	Ryan H	T4 146	Sebring Full
2022, Jan 14, 9:04 AM	11	2:33.416	Ryan Heishman	146	Sebring Full
2022, Jan 14, 8:17 AM	1	1:33.890	Ryan Heishman	146	Sebring Full

The cogged wheel allows you to create a new collection. Insert name and search string.

Left Column – Manual Collections

The screenshot shows the RaceStudio 3 (64 bit) 3.00.10 interface. On the left, the 'Manual Collections' section is active, displaying a list of collections: FIA (2), Marra (2), RS3-Math (3), TCR (2), and Webinar (6). The main area displays a list of sessions for the 'Hockenheim - 2022, April 05/06 - 2022 DTM' track. The sessions are listed with columns for Session Date/Time, Lap(s), Best, Venue Type, Vehicle, Championship, and Track.

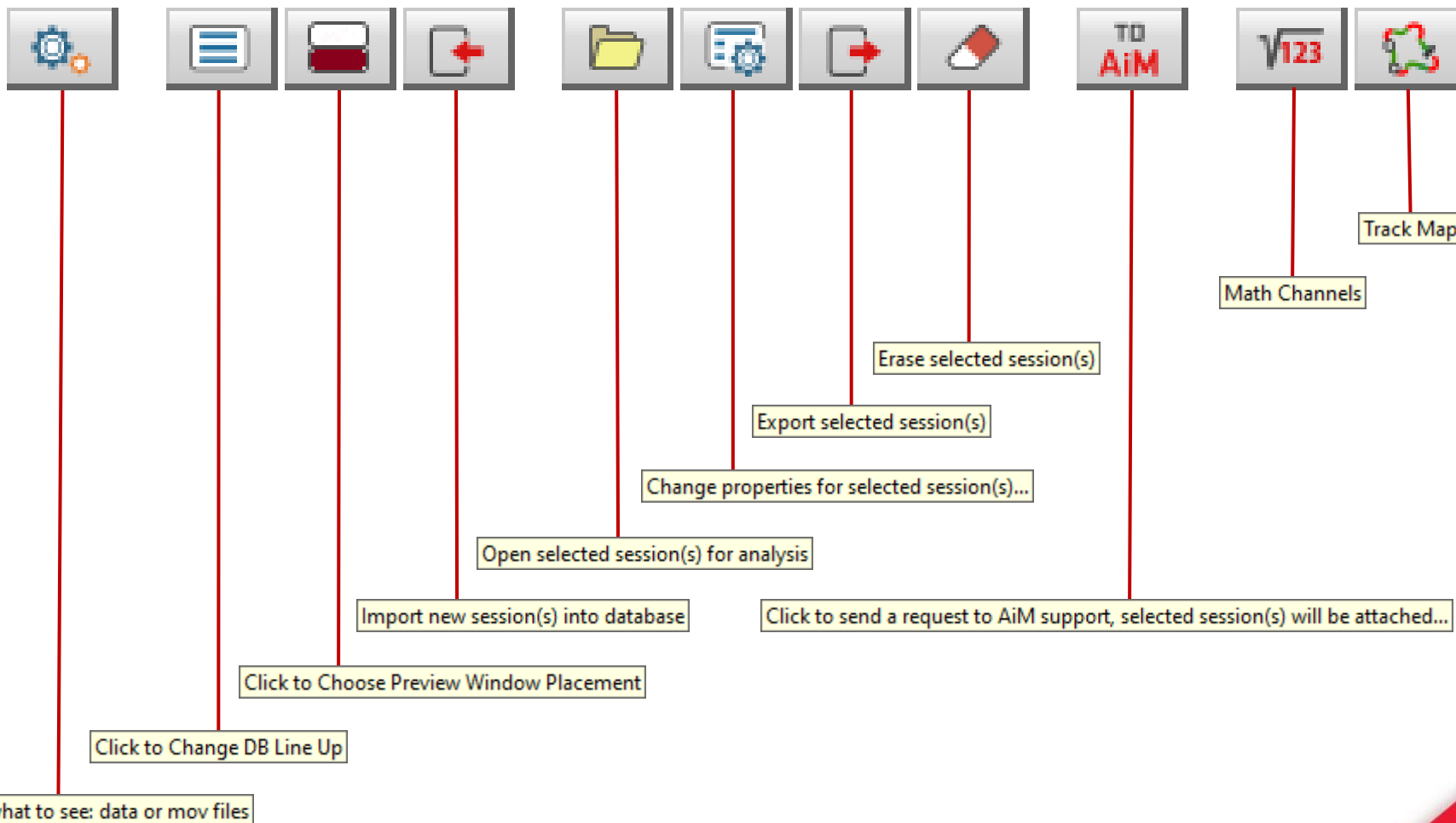
Session Date/Time	Lap(s)	Best	Venue Type	Vehicle	Championship	Track
2022, Apr 06, 3:05 PM	6	1:39.561	T4	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 2:45 PM	7	1:39.838	T4	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 2:16 PM	7	1:40.313	T4	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 11:47 AM	5	1:40.208	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 11:38 AM	9	1:41.331	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 11:34 AM	7	1:40.427	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 11:19 AM	7	1:41.276	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 11:16 AM	11	1:41.415	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 10:22 AM	5	1:49.518	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 10:04 AM	8	1:50.518	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 9:41 AM	9	1:50.341	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 06, 9:27 AM	6	1:51.551	T3	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 05, 5:36 PM	6	1:40.122	T2	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 05, 5:29 PM	14	1:40.180	T2	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 05, 5:19 PM	7	1:41.182	T2	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 05, 5:10 PM	9	1:40.260	T2	Ferrari 488 GT3	2022 DTM	Hockenheim
2022, Apr 05, 4:59 PM	4	1:40.898	T2	Ferrari 488 GT3	2022 DTM	Hockenheim

You can create your sets of sessions.

Useful when you want to organize data for further analysis.

Sessions List Toolbar

Race Studio 3 Analysis Function Toolbar



Race Studio 3 Test Database

Sessions List Toolbar



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Sessions List

Icons will be representative of what's available. Only Video, Data and Video, only Data.

All Events (857 sessions of 857)			
#	Date	Track	
1	2018, September 02	42.931°N, 71.502°W None	
6	2018, August 23/25	Road America Trans Am 2	
1	2018, August 14	42.926°N, 71.455°W None	
6	2018, August 09/11	MidOhio Full Trans Am 2	
1	2018, July 14	LimeRockP None	
4	2018, July 07/08	M.Tremblant None	
2	2018, July 07	M.Tremblant PCADE	
48 15	2018, Jun-28/Jul-01	Dijon	
1	2018, June 18	42.931°N, 71.502°W	
1	2018, June 18	42.898°N, 71.401°W	
1	2018, June 18	42.824°N, 71.289°W	

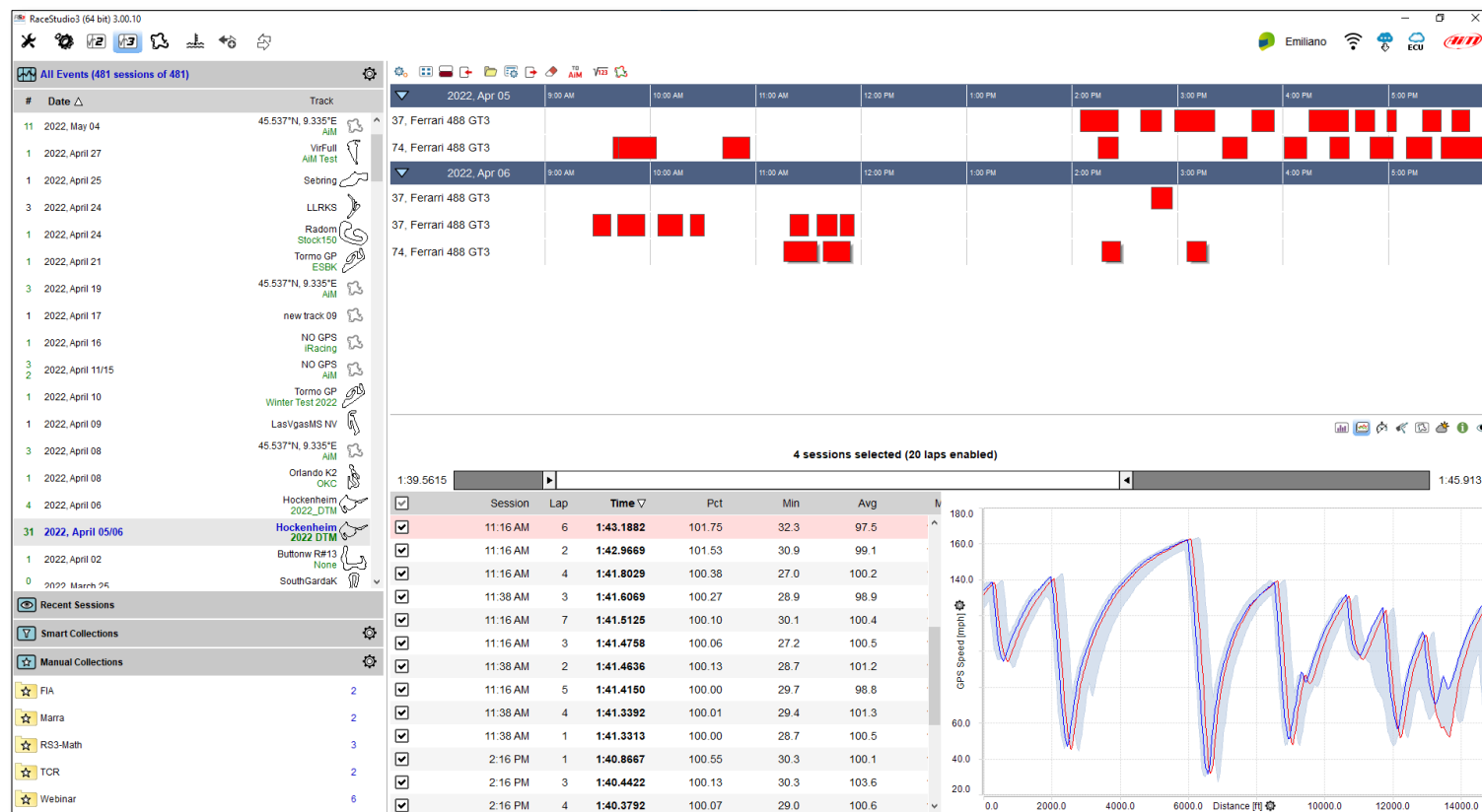
Beijing - 2017, May 13						
▼	2017, May 13	lap(s)	best	Venue Type Racer	Vehicle Championship	Track
	9:26 AM	10	1:02.570			Beijing

▼	2018, Jun 30 ▲	lap(s)	best	Venue Type Racer	Vehicle Championship	Track
	6:42 PM	1	3:00.664		ligier jsp3	Dijon
	3:16 PM	9	1:14.932		ligier jsp3	Dijon

The left list will also be a guide in identifying data and video in your database.

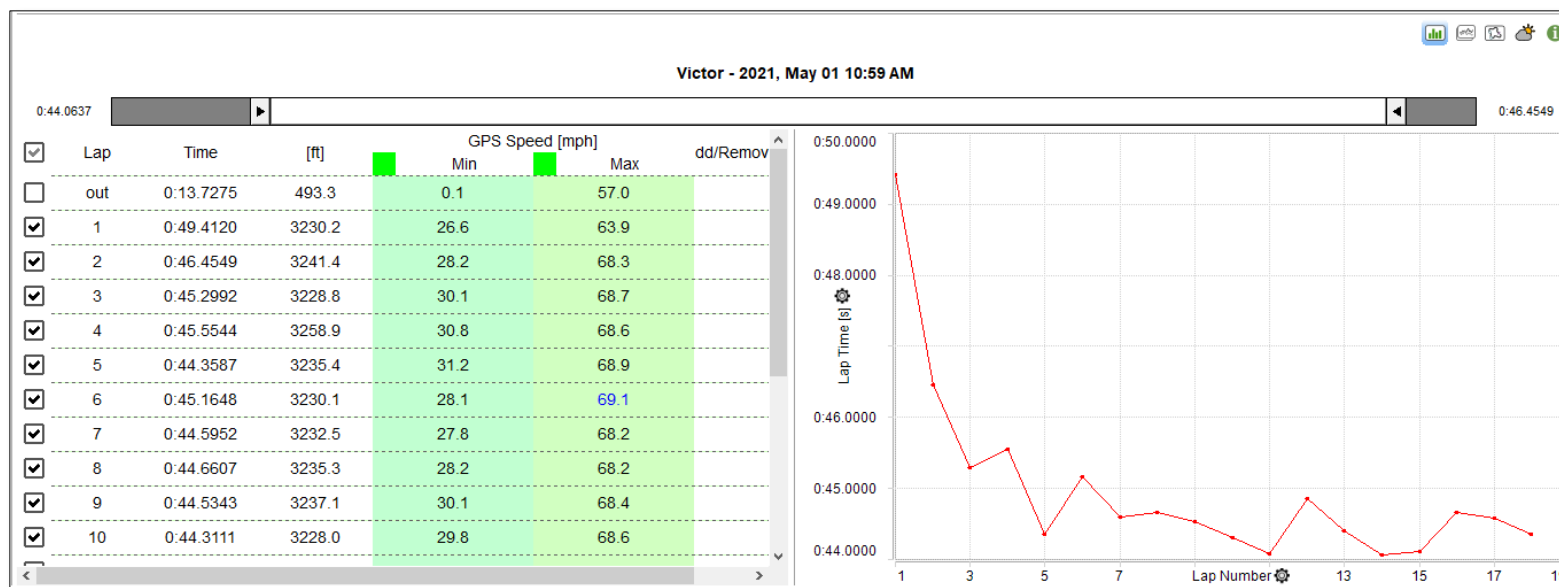
Sessions Agenda

You can also benefit from an “Agenda” view, to separate data per racer and per time of the day.



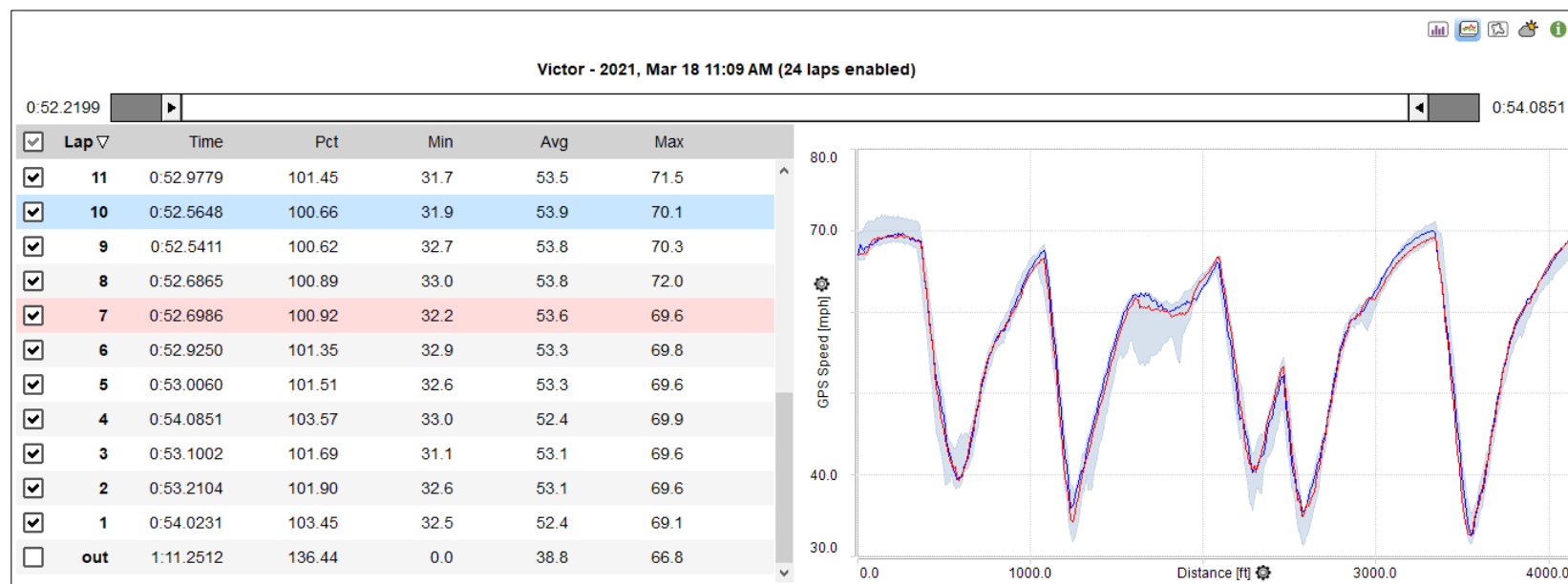
Preview – Laps Summary

Basically, it's the Channels Report, also available in the analysis, with histograms as side information.



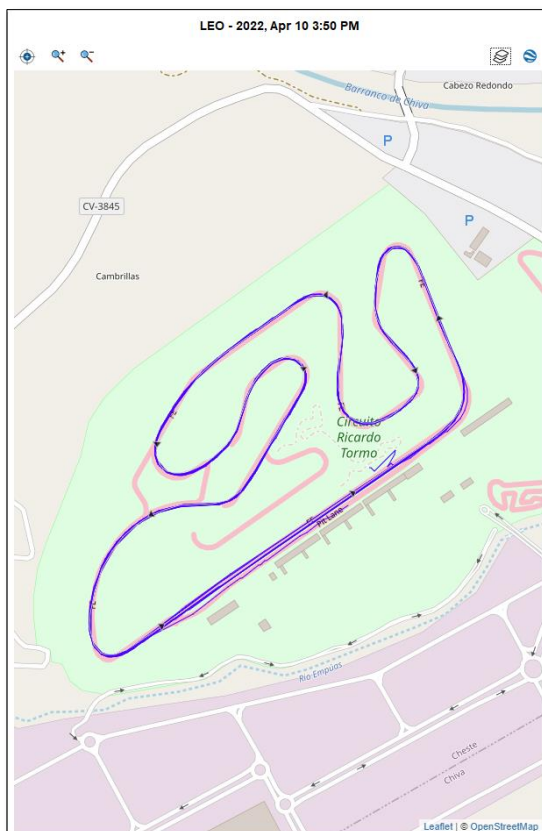
Preview – Laps Report

Report with lap time and, upon a customizable channel, minimum and maximum values, also shown in graphical way.



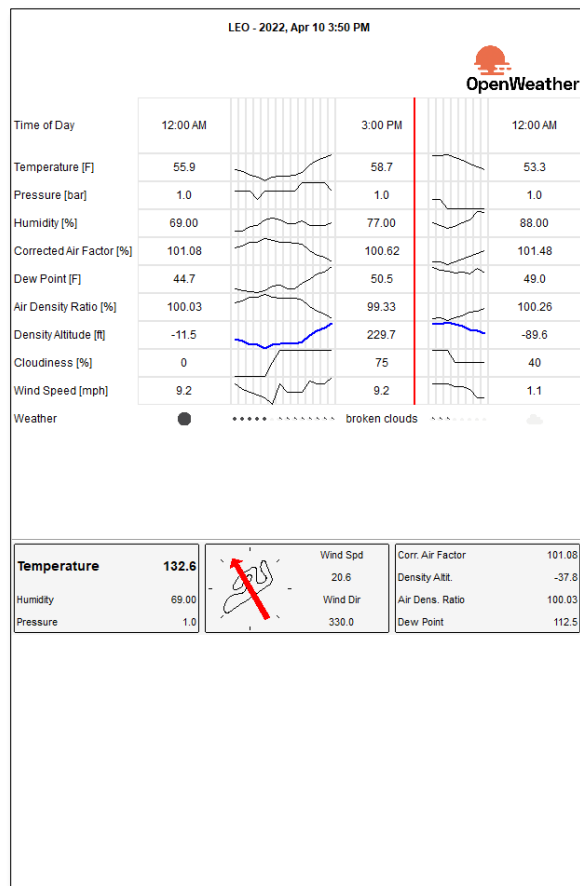
Preview - Map

The whole session represented on a track map.



Preview - Weather

Weather information at the time of the session, coming from the closest weather station available.
Plus, some computations upon them.



Preview – Advanced Information

The most relevant logs for the selected sessions.

PLK - 2017, Dec 08 3:04 PM	
Session Information	
Track: RoeblingRR	
Championship:	
Racer: PLK	
Vehicle: 91	
Files	
E:\AIM\Data\Buoni\Peter Krause\PLK wet\PLK_91_Roebling GA_Qualifying testing.xrk	
E:\AIM\Data\Buoni\Peter Krause\PLK wet\SCHD0014.MOV	
System Information	
Total Distance in Session: 105267.6 [ft]	
Session Duration: 17:32.0420	
Edit...	
Logger: EVO5 [ID: 5100536] with fw 01.26.14	
Channel Expansion [ID: 2001342] - Firmware Version: 40.60.00	
SmartyCam HD [ID: 3801849] - Firmware Version: 60.03.42	
GPS 08 [ID: 5205419] - Firmware Version: 35.58.00	
GS-Dash [ID: 5500325] - Firmware Version: 01.26.14	

Preview - Dragster

Dedicated preview windows for specific applications.

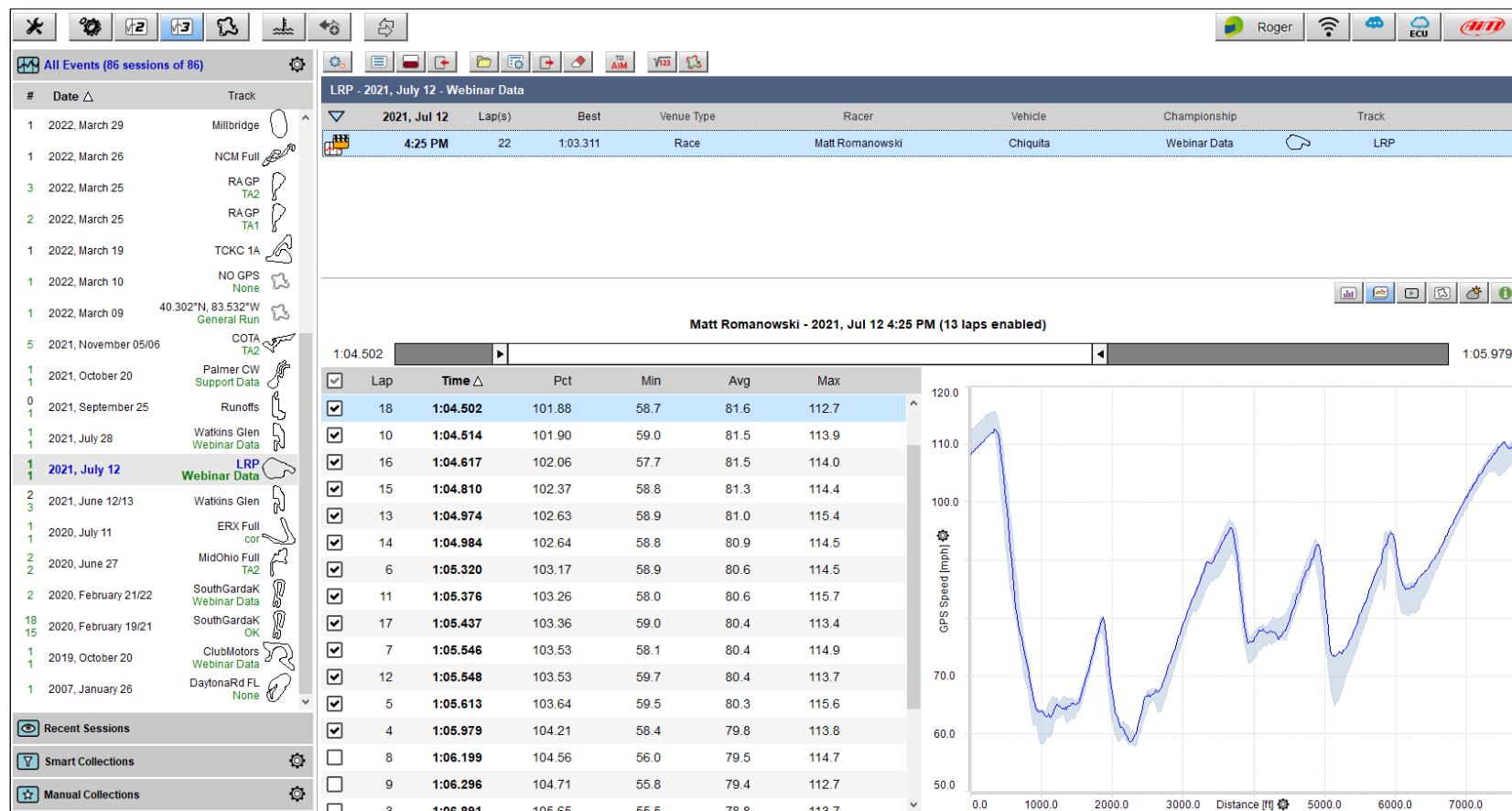


Race Studio 3 Test Database

Preview - Dragster

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RS3A Test Database



LearnFast™ E-Training Videos



Currently **208** Videos and Growing



YouTube

www.youtube.com/aimdata

Test Database
Settings and Tips for the Best Use of This RS3A Function

Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Emiliano Bina
AIM-Sportline - Software Team Leader

aimsports.com Tuesday May 17th, 2022 LearnFast™ #143

Histogram Function
Settings and Tips for the Best Use of This RS3A Function

Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Matt Romanowski
AIM-Sportline - Software Team Leader

aimsports.com Tuesday May 17th, 2022 LearnFast™

Webinar Series
Bringing Data Support and Training to You

Data Download Options
In Race Studio 3

March 31st, 2020

www.aimsports.com 1.800.718.9090

- All New 2020 - 22 Live Webinar Videos
 - Software Updates with Race Studio 3
 - Pre-Calculated Gear Position Function
 - Configuring WiFi Communication
 - Customizing AiM Device Logos
 - Race Studio 3 Basic Configuration - Part 1
 - Race Studio 3 Basic Configuration - Part 2
 - **I Have Downloaded my Data, Now What - Part 1*
 - **I Have Downloaded my Data, Now What - Part 2*
 - GPS Lap Insert
 - Data Views
 - Measure Units
 - Sort Channels
 - Test Properties
 - Per Lap Color
 - Export Tests
 - Channel Reports
 - Setting Time
 - Track Mapping
 - Selection Criteria
 - Sensor Calibration
 - Conditional Alarms
 - Gear Position
 - Firmware Update
 - Solo Configuration
 - Transmit Tracks
 - Gps Manager Overview
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 - Webinars
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Additional Materials

LearnFast™ E-Training Videos

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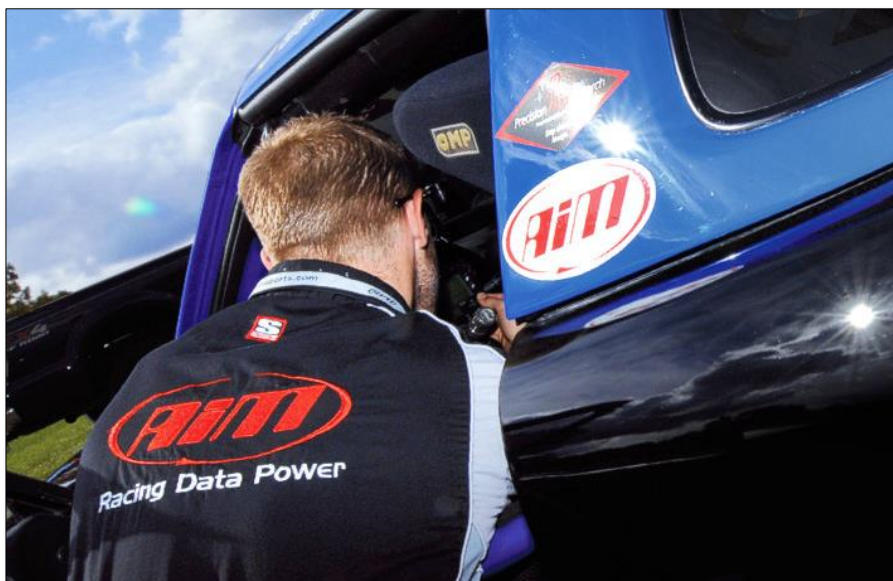
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AiM Sports Technical Support Staff Regularly
Attend Races and Other Events

Look For Us At An Event Near You
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Customer Support

At An Event Near You!

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Introducing the SmartyCam 3

The Ultimate Motorsport Camera with Real Time Data Overlay



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Fabrizio Rizzi

AiM Sportline – Hardware Team Leader

Next Webinar: Tuesday May 24th, 2022 - 10:00am Pac/1:00pm East

Next Webinar

Introducing the SmartyCam 3 Sport

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Upcoming Webinars

RS3A Focused Webinar Tentative Schedule



Here is our Tentative RS3 Analysis Focused Webinar Schedule

- 3/01/2022 - Personalizing Your RS3A Experience - <https://youtu.be/jEfu8nJuP5k>
- 3/08/2022 - RS3A Beta to RS3A Production - <https://youtu.be/weU3A7mWXGQ>
- 3/15/2022 - RS3A Math Channels - <https://youtu.be/bFeScFY33Jk>
- 3/22/2022 - Transitioning from RS2A to RS3A - <https://youtu.be/hakFXcK3PGg>
- 3/29/2022 - RS3A 'Time-Distance' Function - https://youtu.be/zyB0OWOB8_s
- 4/05/2022 - RS3A 'Channels Report' Function - <https://youtu.be/8lsii5FrAd4>
- 4/12/2022 - RS3A 'Scatter' Function – <https://youtu.be/z0lqlt7YfeQ>
- 4/19/2022 - RS3A 'Track' Function – <https://youtu.be/-BTxDZ5FL9Y>
- 4/26/2022 - RS3A 'Split Times Report' Function - <https://youtu.be/qn7l2uYK3MI>
- 5/03/2022 - Rapid SCHD Data/Video Review - <https://youtu.be/x5ukLvLAR4A>
- 5/10/2022 - RS3A 'Histogram' Function – <https://youtu.be/cMt6KcRLvkY>
- **5/17/2022 - RS3A 'Opening Database' Function - Today's Webinar**

Upcoming Webinars

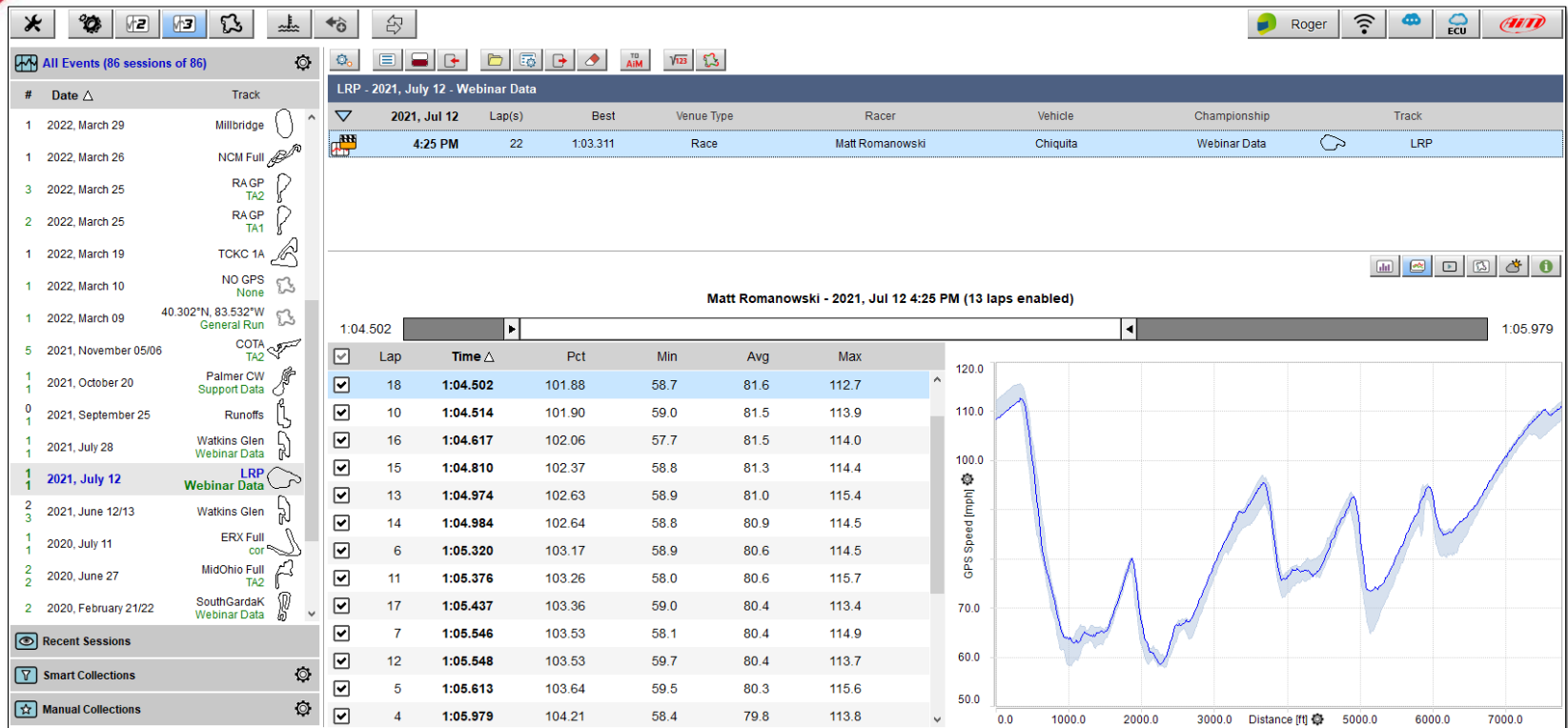
Tentative Webinar Schedule

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Tuesday May 17th, 2021

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