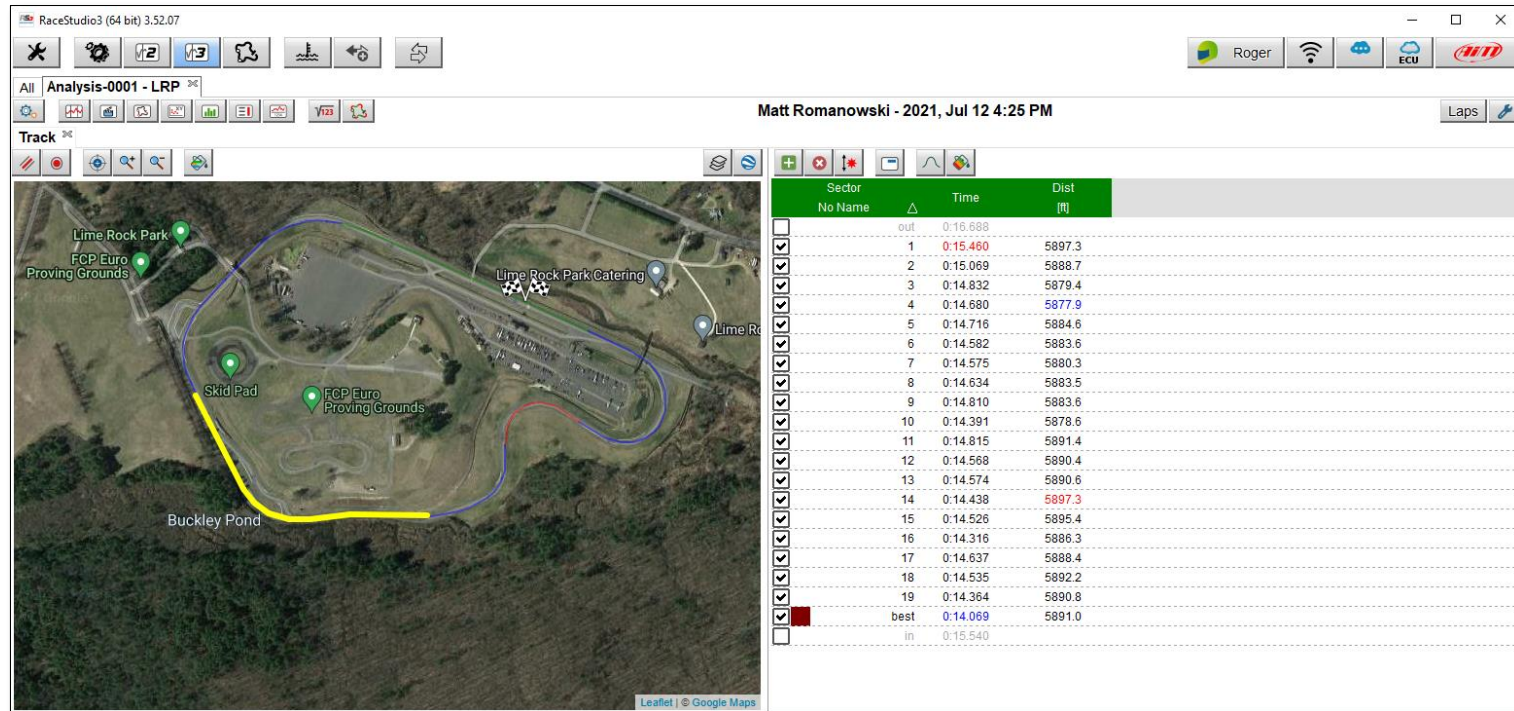


Track Function

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 April 19th, 2022

LearnFast™

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

LearnFast™

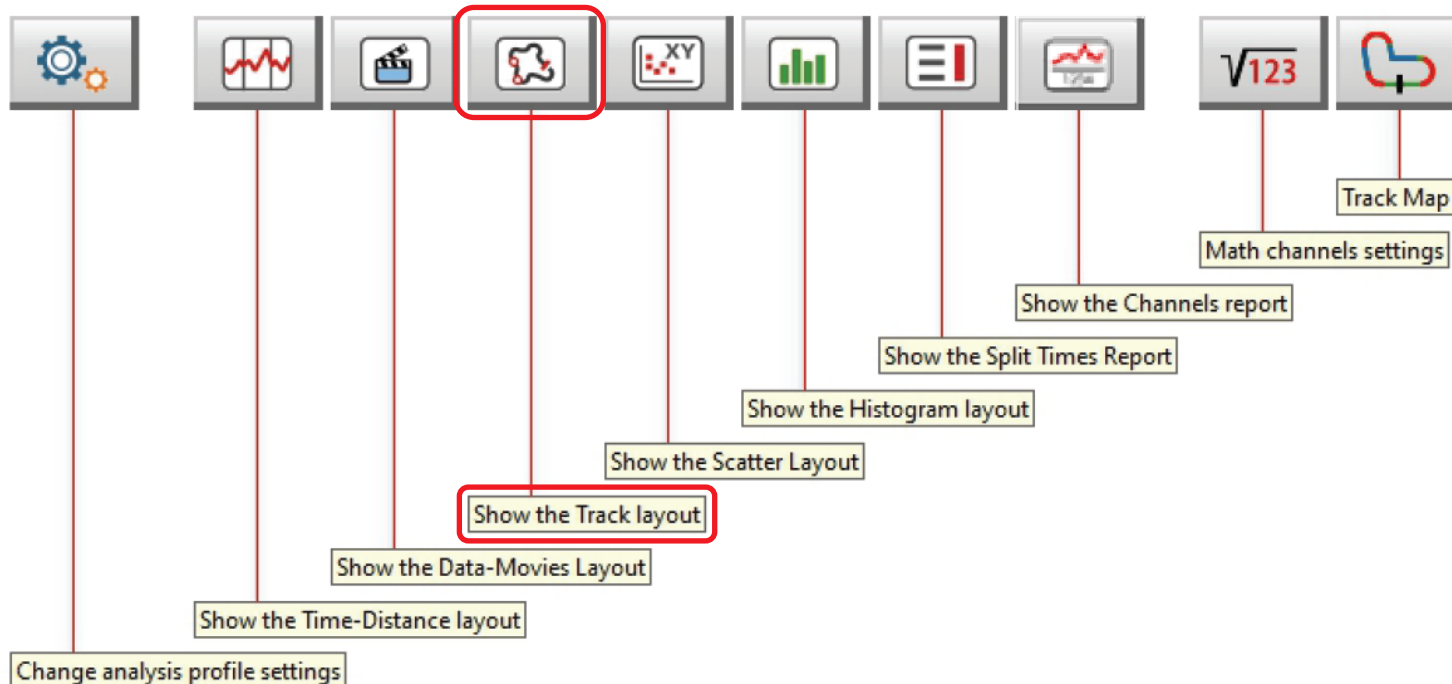
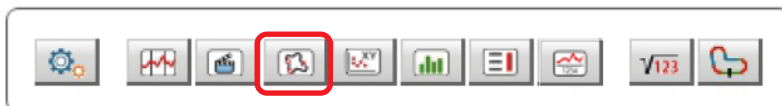


aimsports.com

Track Function



Race Studio 3 Analysis Function Toolbar



Track Function

Track Toolbar



Show the Track Layout

Click to Colorize the Report According to Values

Click to Colorize the Report According to Values



Dots Size

Line Width



Zoom In

Zoom Out



Click to change tile layer



Switch web vs GDI-drawn map



Add a New Item...



Remove Item...



Sort Items...



Manage Side Item(s)...



Click to Show Statistics



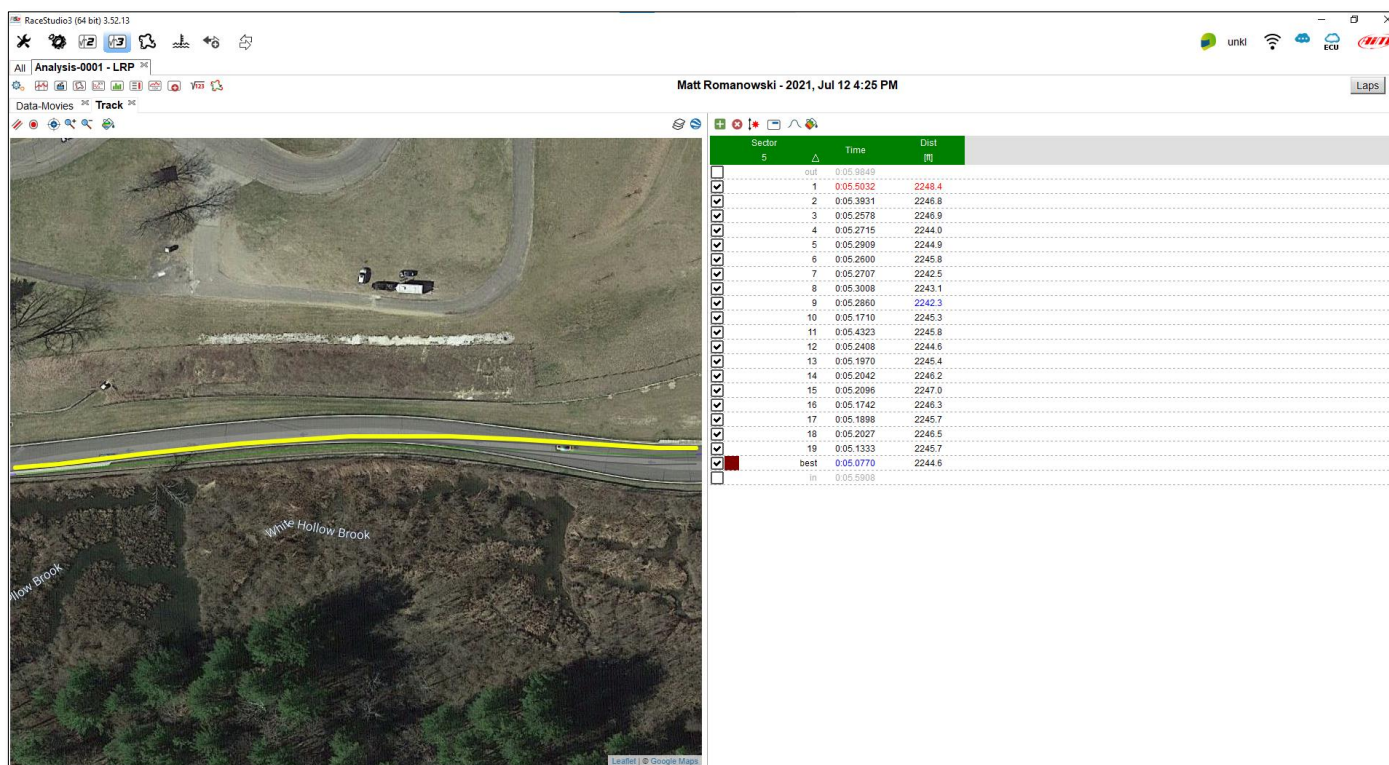
Track Function

Track Function Description

The Default Implementation is Divided in Two Parts:

On the Left, a **“track map for selected split”**

On the Right, a **“channels report for selected split”**



Race Studio 3 Track Function

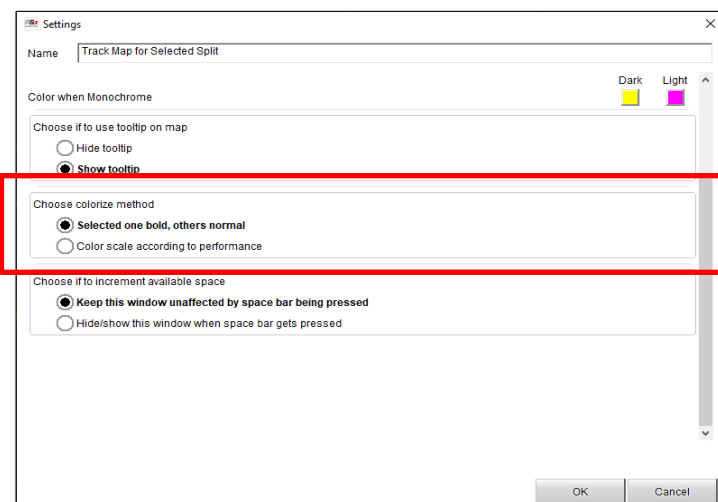
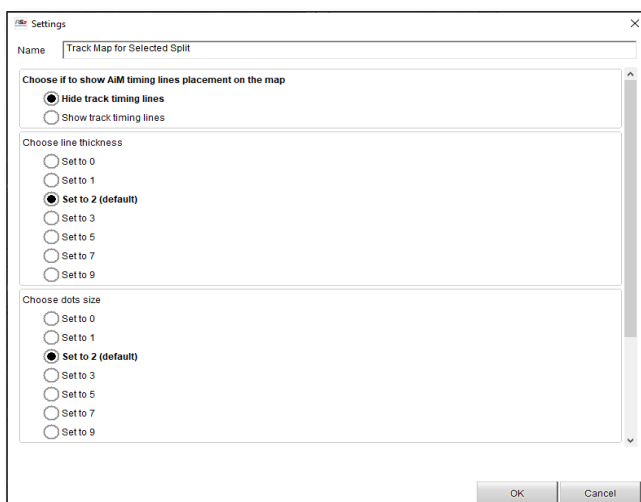
Track Function Description

LearnFast™

Track Function

Track Map for Selected Split

Most of the Settings are in Common with Track Map.
The Most Useful Setting, in my Opinion, is the **“Colorize Method”**...
As We Will See in a Couple of Slides.
This is Available also in the Toolbar.



Track Function

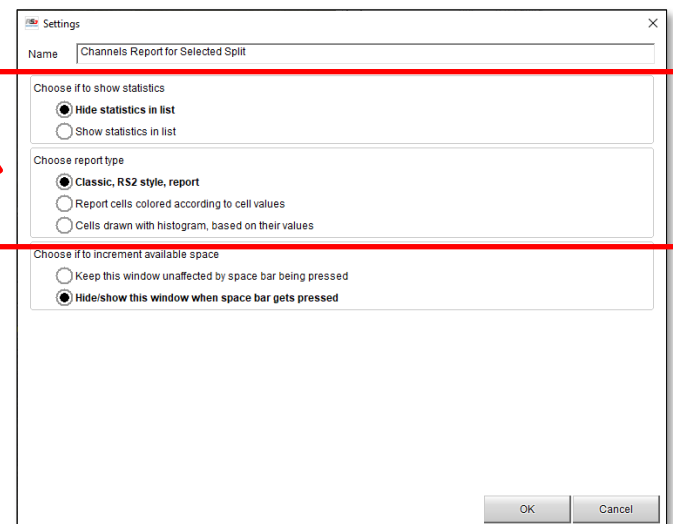
Channels Report for Selected Split

Most of the Settings are in Common with Channels Report.
The **Two Rightmost Icons Refer to Statistics and Aspects**,
They are also accessible through settings.



The first four ...

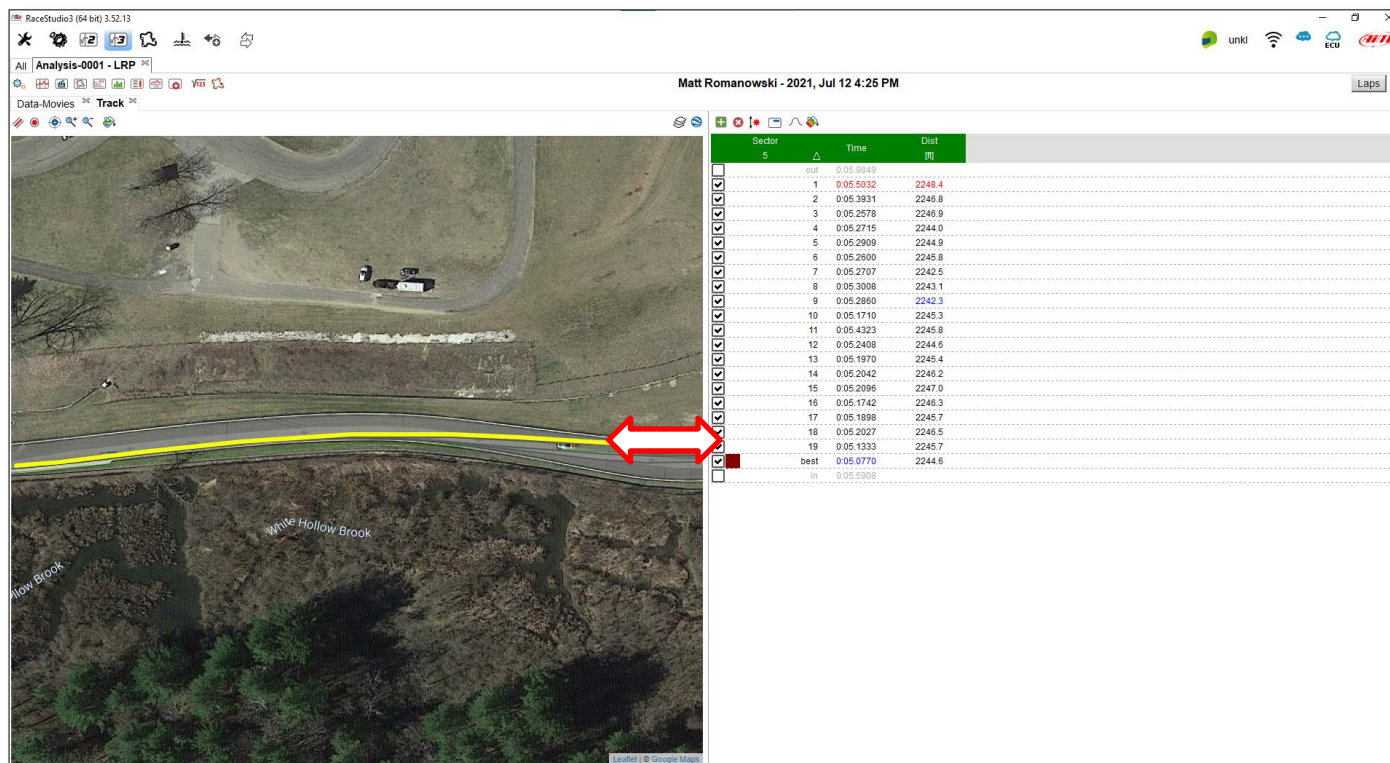
- Add Item
- Delete Item
- Sort Items
- Add Side Item



Track Function

Synchronized Map-Table

When you Move the Mouse Cursor on the Left, the Lap You're Over in the Map gets Highlighted in the Table, and Vice Versa.



Race Studio 3 Track Function

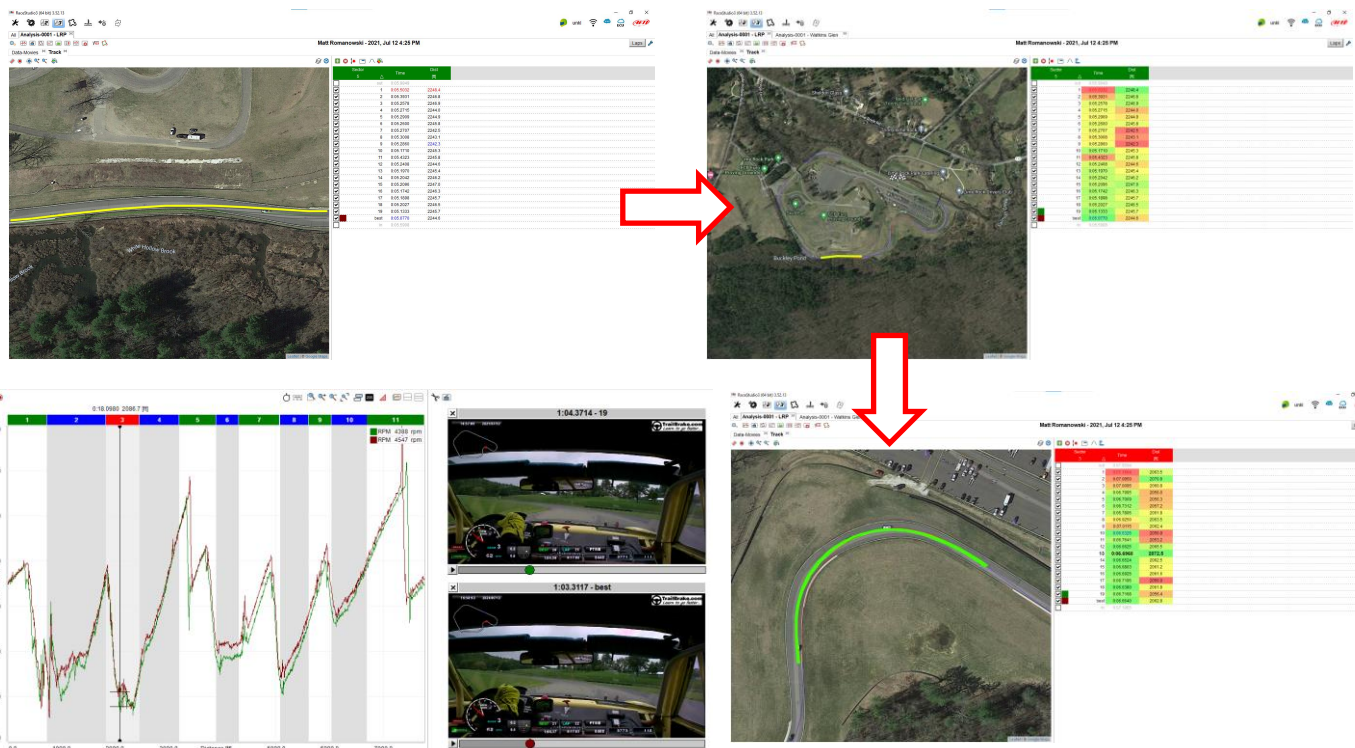
Synchronized Map-Table

LearnFast™

Track Function

Moving Between Splits

The Easiest Way to do This: **Zoom Out and Click on Another Split**
The **Selected Split is Also in Common** with the Cursor Placement in Time/Distance



Race Studio 3 Track Function

Moving Between Splits

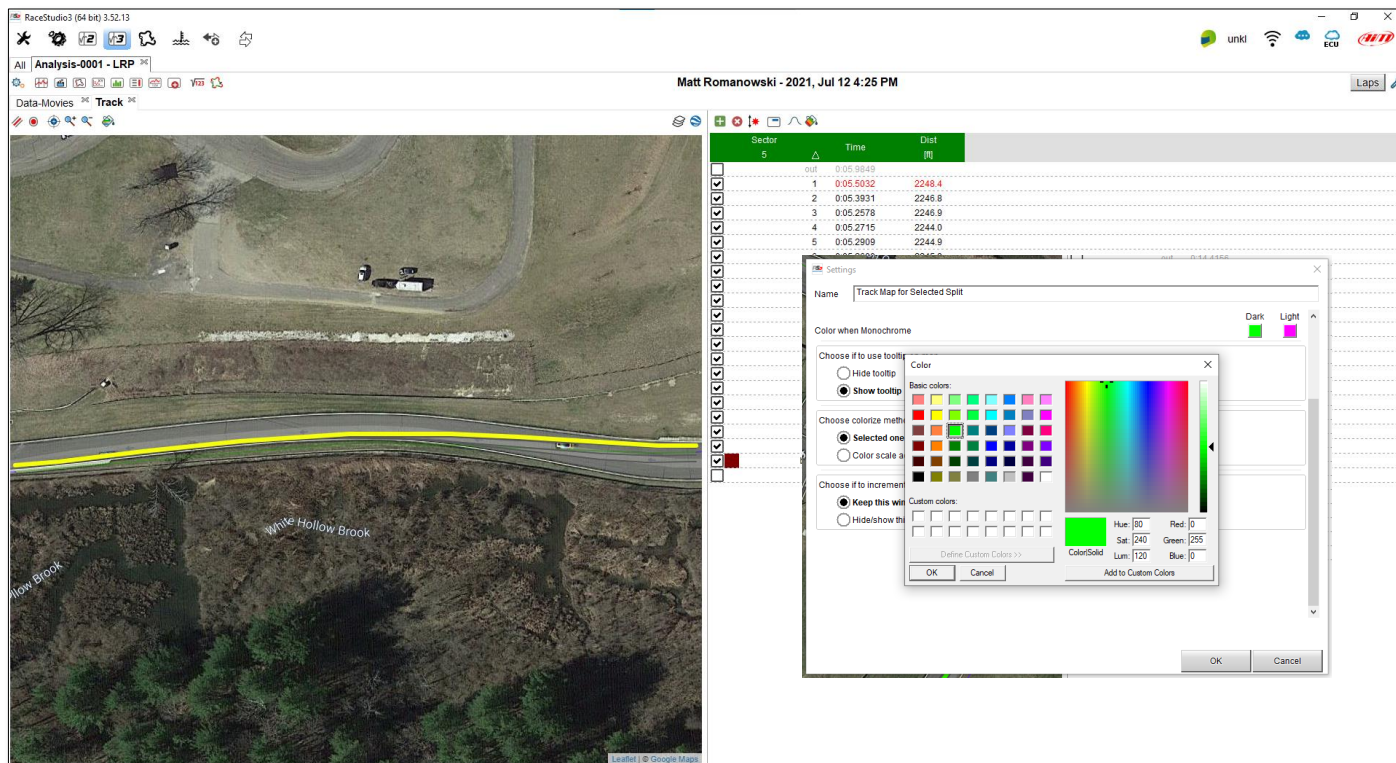
Track Function

Map Coloring



Selected Lap Bold, Others Normal.

You can Select the Bold One Color, for Dark or Light Background.



Race Studio 3 Track Function

Map Coloring

LearnFast™



aimsports.com

Track Function

Map Coloring

According to Performance.

Useful to See if There's a Better Line.

Lap Splits on the Map get Colored According to the Value of the Time Column in the Table



Race Studio 3 Track Function

Map Coloring

Track Function

Table Coloring and Statistics



Three Color Methods

Sector	Time	Dist	Min [mph]	Max [mph]	Avg [mph]
2		[mi]	GPS Speed	GPS Speed	GPS Speed
1	0:12.2060	3503.0	52.7	70.7	59.6
2	0:11.5810	3494.7	54.9	75.6	62.7
3	0:11.3216	3492.8	55.5	76.5	64.1
4	0:11.1490	3503.8	58.4	78.3	65.3
5	0:11.0266	3498.5	60.9	77.6	65.9
6	0:10.9643	3501.5	61.0	78.8	66.3
7	0:11.1637	3523.1	58.1	78.4	65.6
8	0:11.0913	3488.2	59.7	77.6	65.3
9	0:11.0344	3480.4	60.5	77.9	65.5
10	0:10.7724	3475.2	61.8	78.8	67.0
11	0:10.9557	3505.9	59.4	79.7	66.5
12	0:10.8809	3477.4	61.8	78.3	66.4
13	0:10.9291	3468.3	61.3	77.9	65.9
14	0:10.9408	3468.8	58.8	77.7	65.8
15	0:10.8042	3476.0	61.4	78.8	66.8
16	0:10.7755	3482.0	61.6	78.1	67.1
17	0:10.9466	3479.1	59.1	78.3	66.0
18	0:10.7548	3478.1	62.8	78.7	67.2
19	0:10.7793	3484.0	60.5	78.7	67.1
best	0:10.5907	3454.8	63.0	79.6	68.0

Sector	Time	Dist	Min [mph]	Max [mph]	Avg [mph]
2		[mi]	GPS Speed	GPS Speed	GPS Speed
1	0:12.2060	3503.0	52.7	70.7	59.6
2	0:11.5810	3494.7	54.9	75.6	62.7
3	0:11.3216	3492.8	55.5	76.5	64.1
4	0:11.1490	3503.8	58.4	78.3	65.3
5	0:11.0266	3498.5	60.9	77.6	65.9
6	0:10.9643	3501.5	61.0	78.8	66.3
7	0:11.1637	3523.1	58.1	78.4	65.6
8	0:11.0913	3488.2	59.7	77.6	65.3
9	0:11.0344	3480.4	60.5	77.9	65.5
10	0:10.7724	3475.2	61.8	78.8	67.0
11	0:10.9557	3505.9	59.4	79.7	66.5
12	0:10.8809	3477.4	61.8	78.3	66.4
13	0:10.9291	3468.3	61.3	77.9	65.9
14	0:10.9408	3468.8	58.8	77.7	65.8
15	0:10.8042	3476.0	61.4	78.8	66.8
16	0:10.7755	3482.0	61.6	78.1	67.1
17	0:10.9466	3479.1	59.1	78.3	66.0
18	0:10.7548	3478.1	62.8	78.7	67.2
19	0:10.7793	3484.0	60.5	78.7	67.1
best	0:10.5907	3454.8	63.0	79.6	68.0

Sector	Time	Dist	Min [mph]	Max [mph]	Avg [mph]
2		[mi]	GPS Speed	GPS Speed	GPS Speed
1	0:12.2060	3503.0	52.7	70.7	59.6
2	0:11.5810	3494.7	54.9	75.6	62.7
3	0:11.3216	3492.8	55.5	76.5	64.1
4	0:11.1490	3503.8	58.4	78.3	65.3
5	0:11.0266	3498.5	60.9	77.6	65.9
6	0:10.9643	3501.5	61.0	78.8	66.3
7	0:11.1637	3523.1	58.1	78.4	65.6
8	0:11.0913	3488.2	59.7	77.6	65.3
9	0:11.0344	3480.4	60.5	77.9	65.5
10	0:10.7724	3475.2	61.8	78.8	67.0
11	0:10.9557	3505.9	59.4	79.7	66.5
12	0:10.8809	3477.4	61.8	78.3	66.4
13	0:10.9291	3468.3	61.3	77.9	65.9
14	0:10.9408	3468.8	58.8	77.7	65.8
15	0:10.8042	3476.0	61.4	78.8	66.8
16	0:10.7755	3482.0	61.6	78.1	67.1
17	0:10.9466	3479.1	59.1	78.3	66.0
18	0:10.7548	3478.1	62.8	78.7	67.2
19	0:10.7793	3484.0	60.5	78.7	67.1
best	0:10.5907	3454.8	63.0	79.6	68.0

Statistics

Sector	Time	Dist	Min [mph]	Max [mph]	Avg [mph]
2		[mi]	GPS Speed	GPS Speed	GPS Speed
1	0:12.2060	3503.0	52.7	70.7	59.6
2	0:11.5810	3494.7	54.9	75.6	62.7
3	0:11.3216	3492.8	55.5	76.5	64.1
4	0:11.1490	3503.8	58.4	78.3	65.3
5	0:11.0266	3498.5	60.9	77.6	65.9
6	0:10.9643	3501.5	61.0	78.8	66.3
7	0:11.1637	3523.1	58.1	78.4	65.6
8	0:11.0913	3488.2	59.7	77.6	65.3
9	0:11.0344	3480.4	60.5	77.9	65.5
10	0:10.7724	3475.2	61.8	78.8	67.0
11	0:10.9557	3505.9	59.4	79.7	66.5
12	0:10.8809	3477.4	61.8	78.3	66.4
13	0:10.9291	3468.3	61.3	77.9	65.9
14	0:10.9408	3468.8	58.8	77.7	65.8
15	0:10.8042	3476.0	61.4	78.8	66.8
16	0:10.7755	3482.0	61.6	78.1	67.1
17	0:10.9466	3479.1	59.1	78.3	66.0
18	0:10.7548	3478.1	62.8	78.7	67.2
19	0:10.7793	3484.0	60.5	78.7	67.1
best	0:10.5907	3454.8	63.0	79.6	68.0
average value	0:11.0334	3487.3	59.7	77.8	65.7
maximum value	0:12.2060	3523.1	63.0	79.7	68.0
minimum value	0:10.5907	3454.8	52.7	70.7	59.6
std deviation	0:00.1252	236.4	7.3	3.7	3.5

Sector	Time	Dist	Min [mph]	Max [mph]	Avg [mph]
2		[mi]	GPS Speed	GPS Speed	GPS Speed
1	0:12.2060	3503.0	52.7	70.7	59.6
2	0:11.5810	3494.7	54.9	75.6	62.7
3	0:11.3216	3492.8	55.5	76.5	64.1
4	0:11.1490	3503.8	58.4	78.3	65.3
5	0:11.0266	3498.5	60.9	77.6	65.9
6	0:10.9643	3501.5	61.0	78.8	66.3
7	0:11.1637	3523.1	58.1	78.4	65.6
8	0:11.0913	3488.2	59.7	77.6	65.3
9	0:11.0344	3480.4	60.5	77.9	65.5
10	0:10.7724	3475.2	61.8	78.8	67.0
11	0:10.9557	3505.9	59.4	79.7	66.5
12	0:10.8809	3477.4	61.8	78.3	66.4
13	0:10.9291	3468.3	61.3	77.9	65.9
14	0:10.9408	3468.8	58.8	77.7	65.8
15	0:10.8042	3476.0	61.4	78.8	66.8
16	0:10.7755	3482.0	61.6	78.1	67.1
17	0:10.9466	3479.1	59.1	78.3	66.0
18	0:10.7548	3478.1	62.8	78.7	67.2
19	0:10.7793	3484.0	60.5	78.7	67.1
best	0:10.5907	3454.8	63.0	79.6	68.0

Race Studio 3 Track Function

Table Coloring and Statistics



aimsports.com

LearnFast™

Live Race Studio Demonstration

RS3A Track Function



Roger

All
Analysis-0001 - LRP

Data-Movies
Track

Matt Romanowski - 2021, Jul 12 4:25 PM
Laps

Sector	No	Name	Time	Dist (ft)
		out	0:16.688	
	1		0:15.460	5897.3
	2		0:15.069	5888.7
	3		0:14.832	5879.4
	4		0:14.680	5877.9
	5		0:14.716	5884.6
	6		0:14.582	5883.6
	7		0:14.575	5880.3
	8		0:14.634	5883.5
	9		0:14.810	5883.6
	10		0:14.391	5878.6
	11		0:14.815	5891.4
	12		0:14.568	5890.4
	13		0:14.574	5890.6
	14		0:14.438	5897.3
	15		0:14.526	5895.4
	16		0:14.316	5886.3
	17		0:14.637	5888.4
	18		0:14.535	5892.2
	19		0:14.364	5890.8
		best	0:14.069	5891.0
		in	0:15.540	



aimsports.com

Race Studio 3 Track Function

Live Race Studio Demonstration

LearnFast™

LearnFast™ E-Training Videos



Currently **204** Videos and Growing



YouTube www.youtube.com/aimdata

Track Function
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 April 19th, 2022 LearnFast™

Scatter Plot 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 April 19th, 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
 - New GPS Track
 - Webinars
- * Most Popular and Recommended*

Additional Materials

LearnFast™ E-Training Videos

LearnFast™



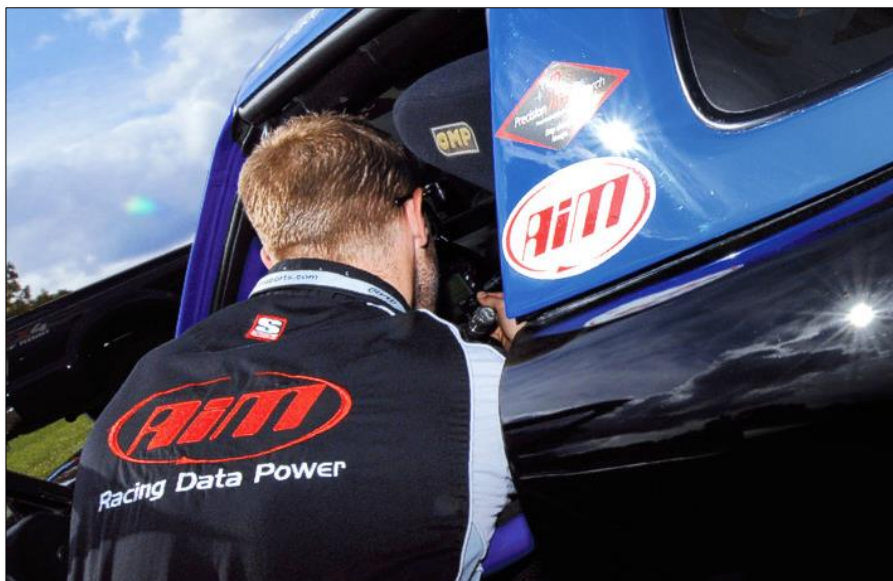
aimsports.com

Customer Support



AiM Sports Technical Support Staff Regularly
Attend Races and Other Events

Look For Us At An Event Near You
Or Call Us At **800.718.9090**



Customer Support

At An Event Near You!

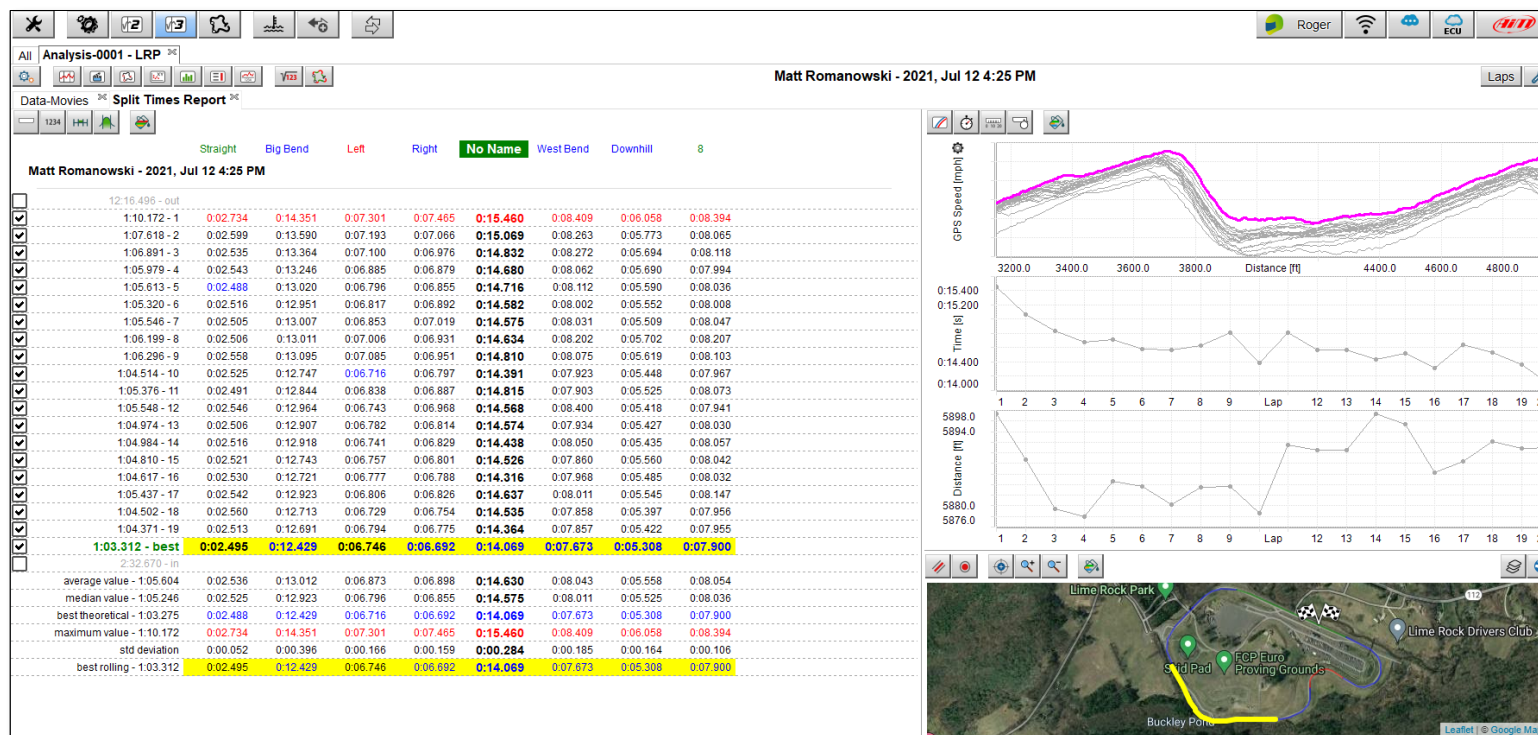
LearnFast™



[aimsports.com](https://www.aimsports.com)

Race Studio 3 Analysis

The Best Use of the 'Split Times' Function



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

James Colborn

JamesColborn.com

Next Webinar: Tuesday April 26th, 2022 - 10:00am Pac/1:00pm East

Next Webinar

RS3A Split Times Function

LearnFast™



aimsports.com

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 – Today's Webinar**
- 4/26/2022 - RS3A 'Split Times Report' Function
- 5/03/2022 - RS3A 'Histogram' Function
- 5/10/2022 - RS3A 'Opening Database' Function



Upcoming Webinars

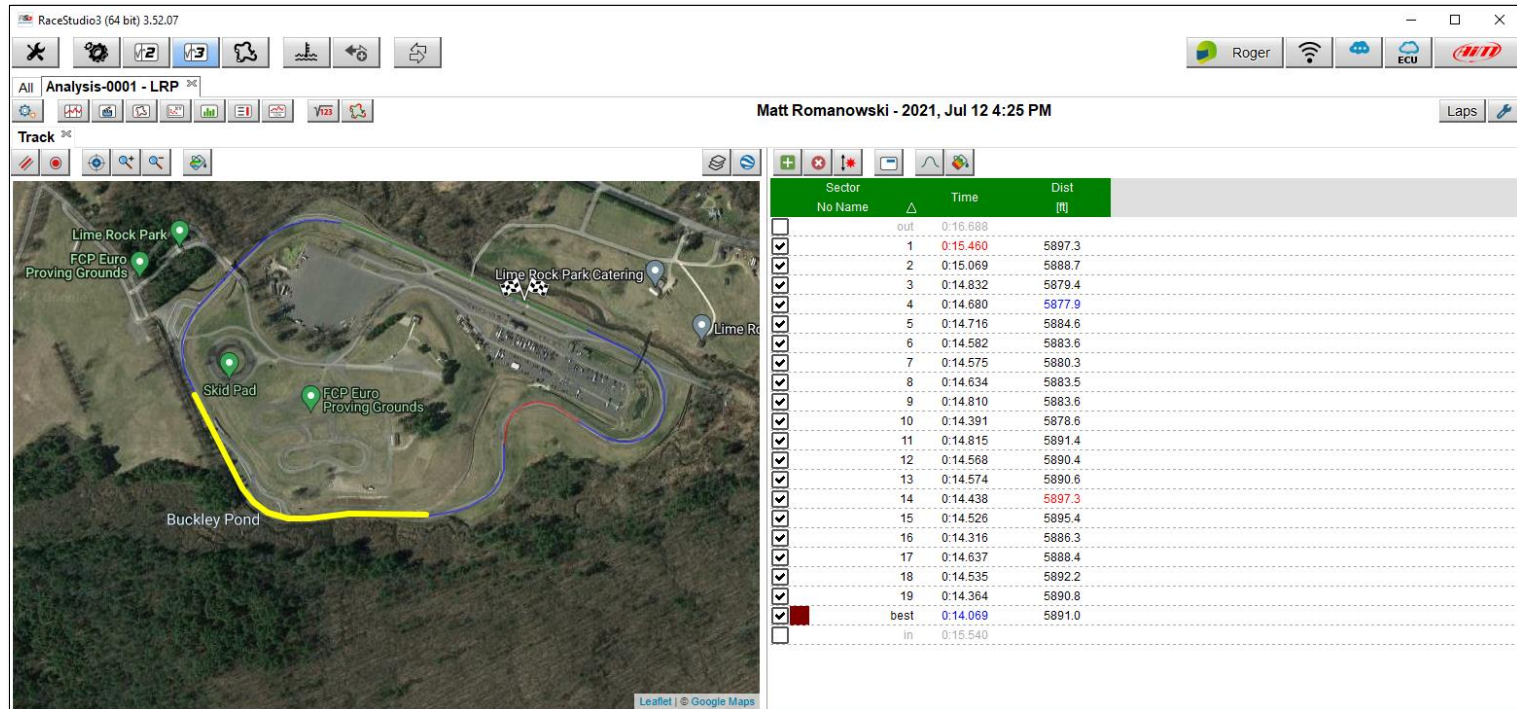
Tentative Webinar Schedule



aimsports.com

LearnFast™

Contact Information



Host:

Roger Caddell

AiM Sports - National Training Manager
roger@aimsports.com

Co-Host:

Emiliano Bina

AiM-Sportline - Software Developer
software@aim-sportline.com



aimsports.com

Tuesday April 19th, 2021

LearnFast™