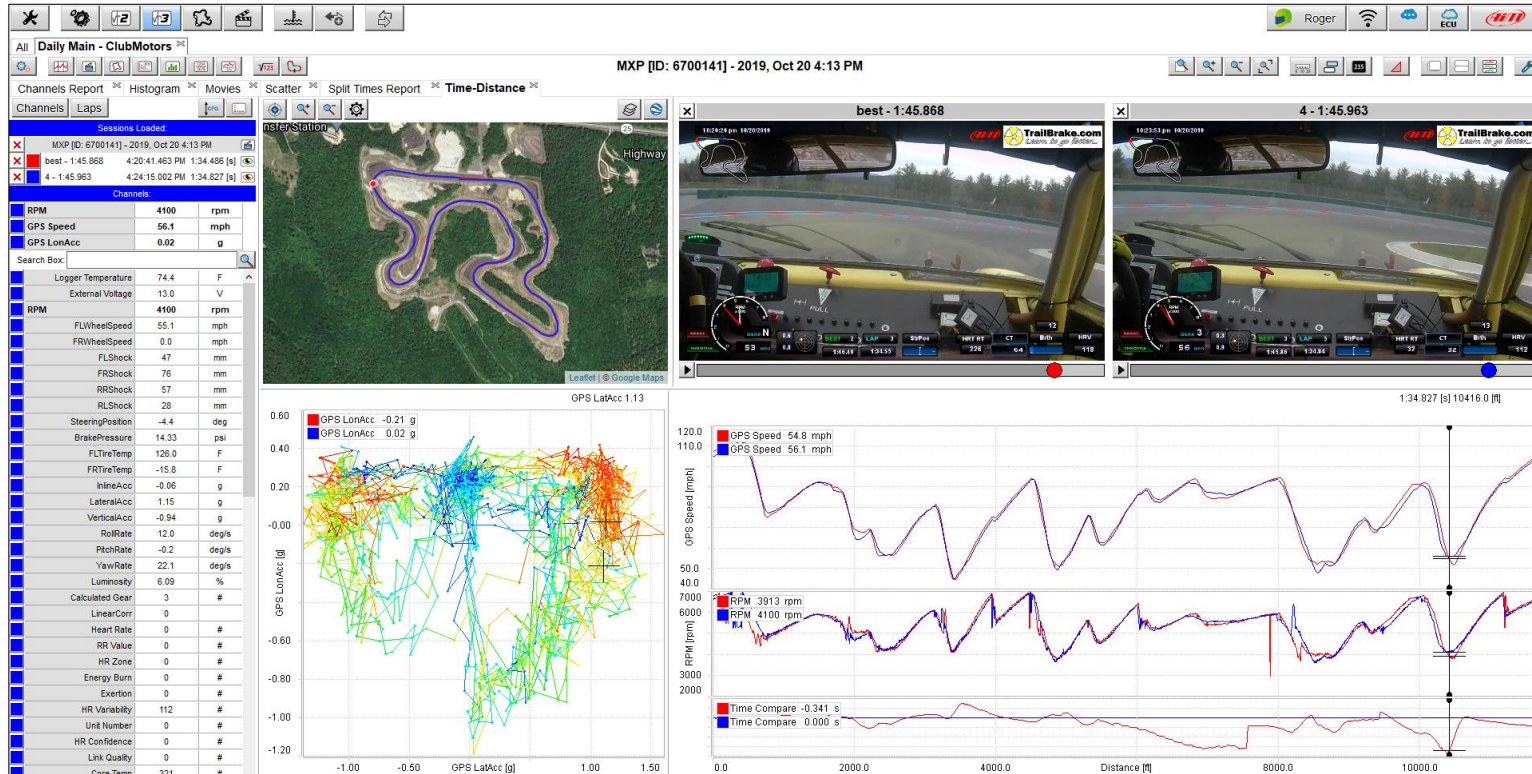


Race Studio 3 Analysis

Software Release – Update #8



Host:
Roger Caddell

AiM Sports - National Training Manager

Co-Host:
Emiliano Bina

AiM-Sportline - Software Developer



aimsports.com

Tuesday June 29th, 2021

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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
- 10 Time AiM Sports Webinar Co-Host!



Emiliano Bina

AiM-Sportline Software Developer



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

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Log Sheets

RealTime (RACE) 1.0.0 - Substrate, June 20, 2017 5:05 PM

AI - Roger Main - Speed - SCN - Analysis-0001 - Dragster

Time Distance 1.0 Log Sheet

General Comments

Performance

Time Start Offset	[s]	---	---
Start-in	[s]	---	---
Reaction	[s]	---	---
60'	[s]	1.5300	1.4472
230'	[s]	5.3151	5.3167
1/8th mile ET	[s]	6.9320	6.9390
ET Prediction	[s]	---	---
330' high	[MPH]	0.0	0.0
1/8th high	[MPH]	0.0	0.0
Shift RPM	[RPM]	4148	4005
Shift RPM Distance	[ft]	0.7	11.6
Shift RPM Time	[s]	0.2600	0.3810
RPM / Shift 1.1	[RPM]	3668	3673
RPM / Shift 1.1 Distance	[ft]	28.6	38.6
RPM / Shift 1.1 Time	[ms]	920	1021
Time Car Reaction	[s]	---	---

Performance Comments

Performance Readings

Maximum RPM	[RPM]	4373	4005
Maximum EGT	[C]	687.0	687.0
Maximum CHT	[C]	147.8	143.9

Readings Comments

Launch

Launch RPM	[RPM]	0	0
Launch EGT	[C]	0.0	0.0
Launch CHT	[C]	0.0	0.0

Settings Comments

Driver Conditions

Driver			
Air Temperature	[C]	0.0	0.0
Humidity	[H]	0.00	0.00
Barometer	[Bar]	0.00	0.00

Introduced for Junior Dragsters.
Will be Available Also for Other Vehicle Types.

Performance
Setup
Environment
Weather

RealTime (RACE) 1.0.0 - Substrate, June 20, 2017 5:05 PM

AI - Roger Main - Speed - SCN - Analysis-0001 - Dragster

Time Distance 1.0 Log Sheet

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Race Studio 3 - Update #8

Log Sheets

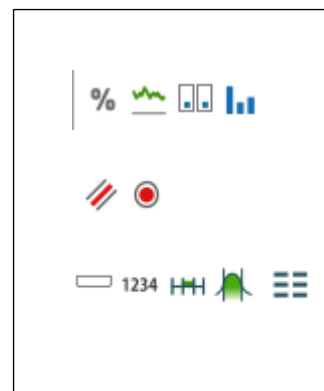
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New Buttons

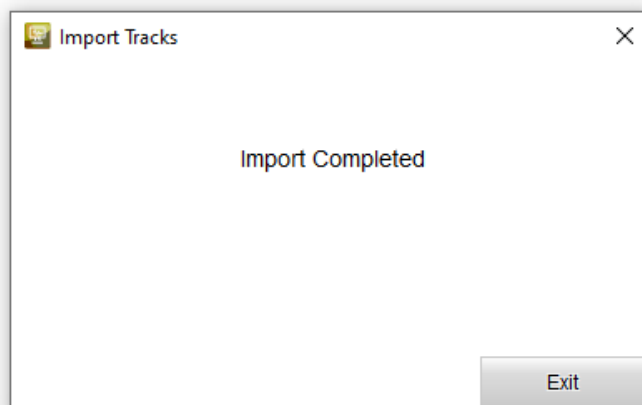
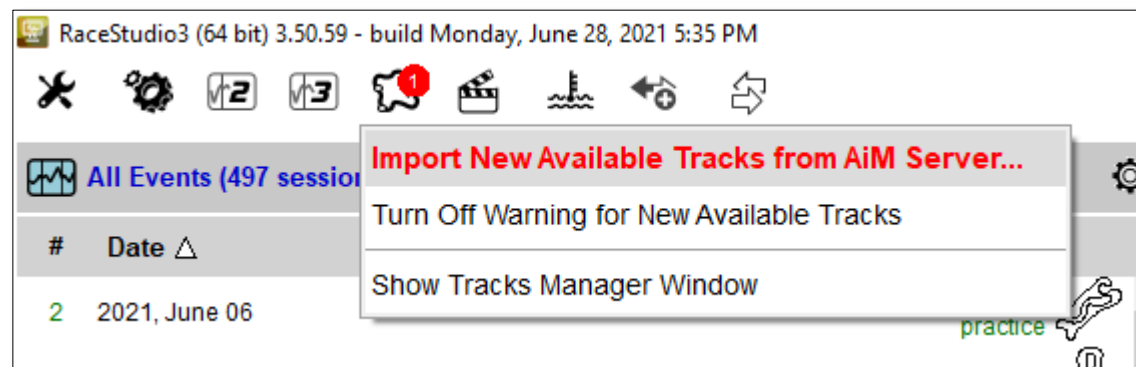


New Flat Buttons in Toolbars

Customized Toolbar Buttons for Each Panel
(Time/Distance, Scatter)



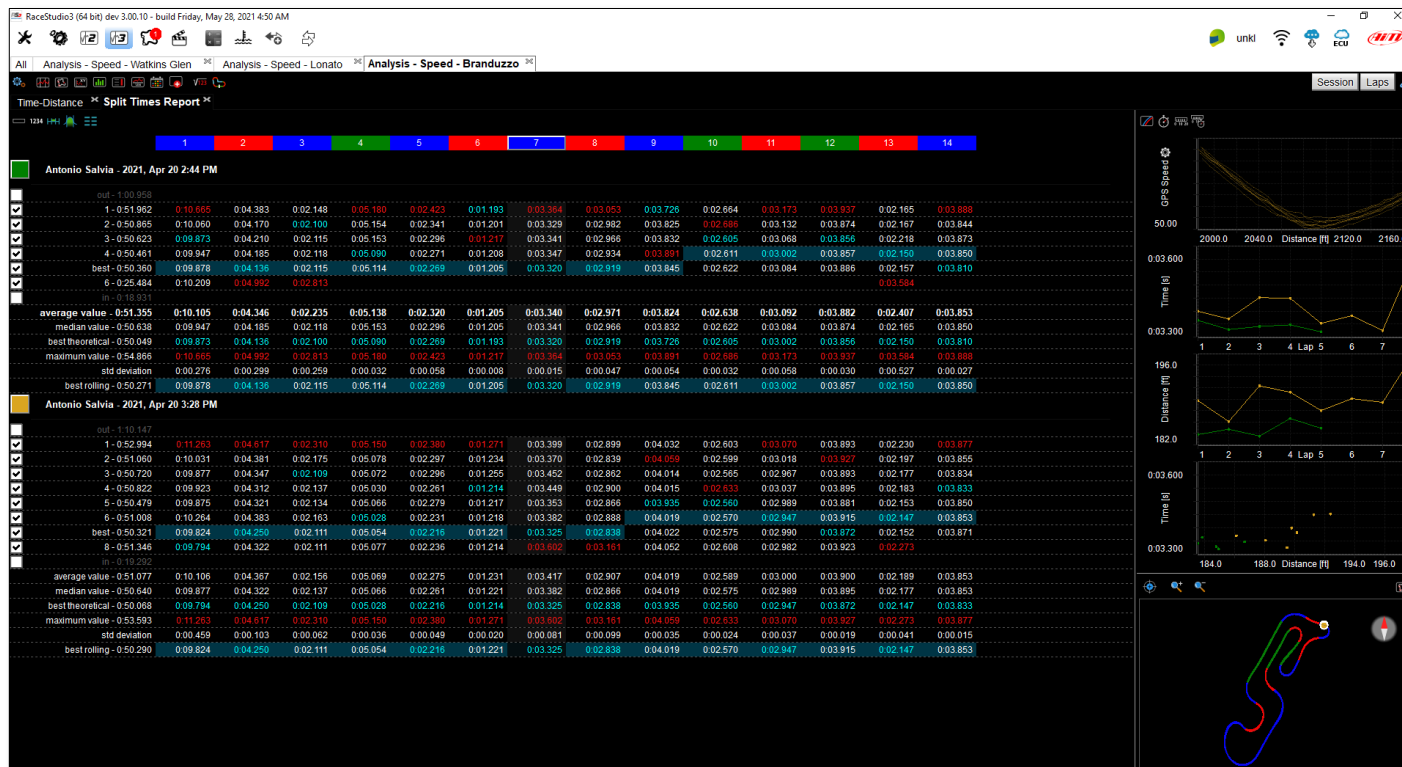
Import of Track Maps



To Increase Usability and Consistency

Users Can Choose When to Import
New Tracks from AiM Servers

Fixes in Split Reports



Fixes in Data Management

We Were Reported Some Blank Fields Randomly Appearing

Race Studio 3 – Update #8

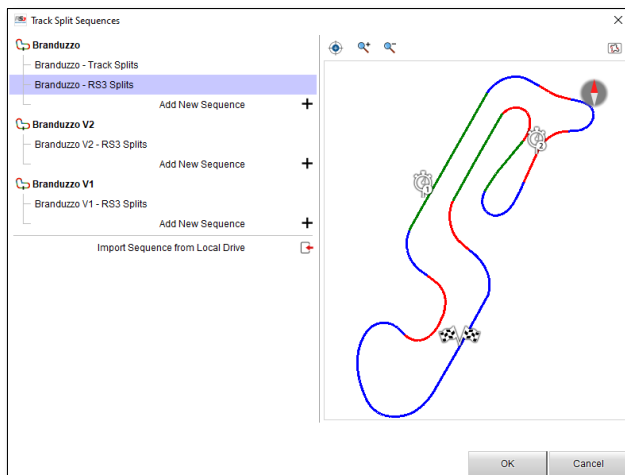
Fixes in Split Reports



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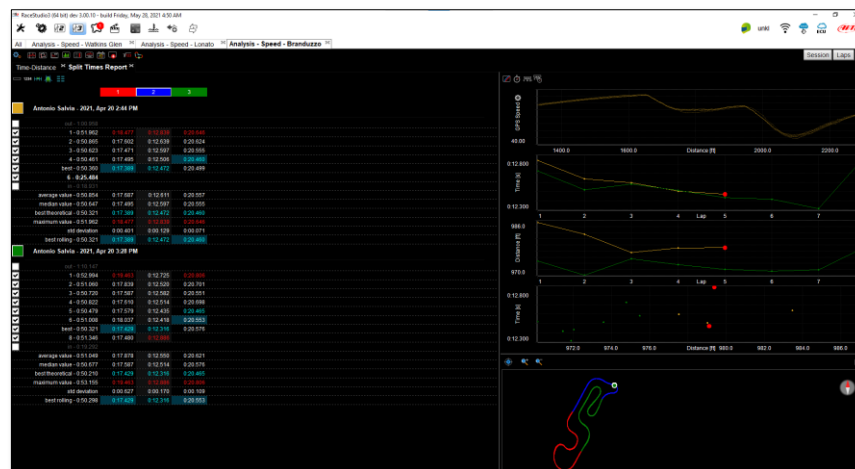
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Fixes in Track Maps



Users Can Select the Map
and the Split Sequence

Users Can Build the Split Report
According to the Same Splits the
Device Manages.

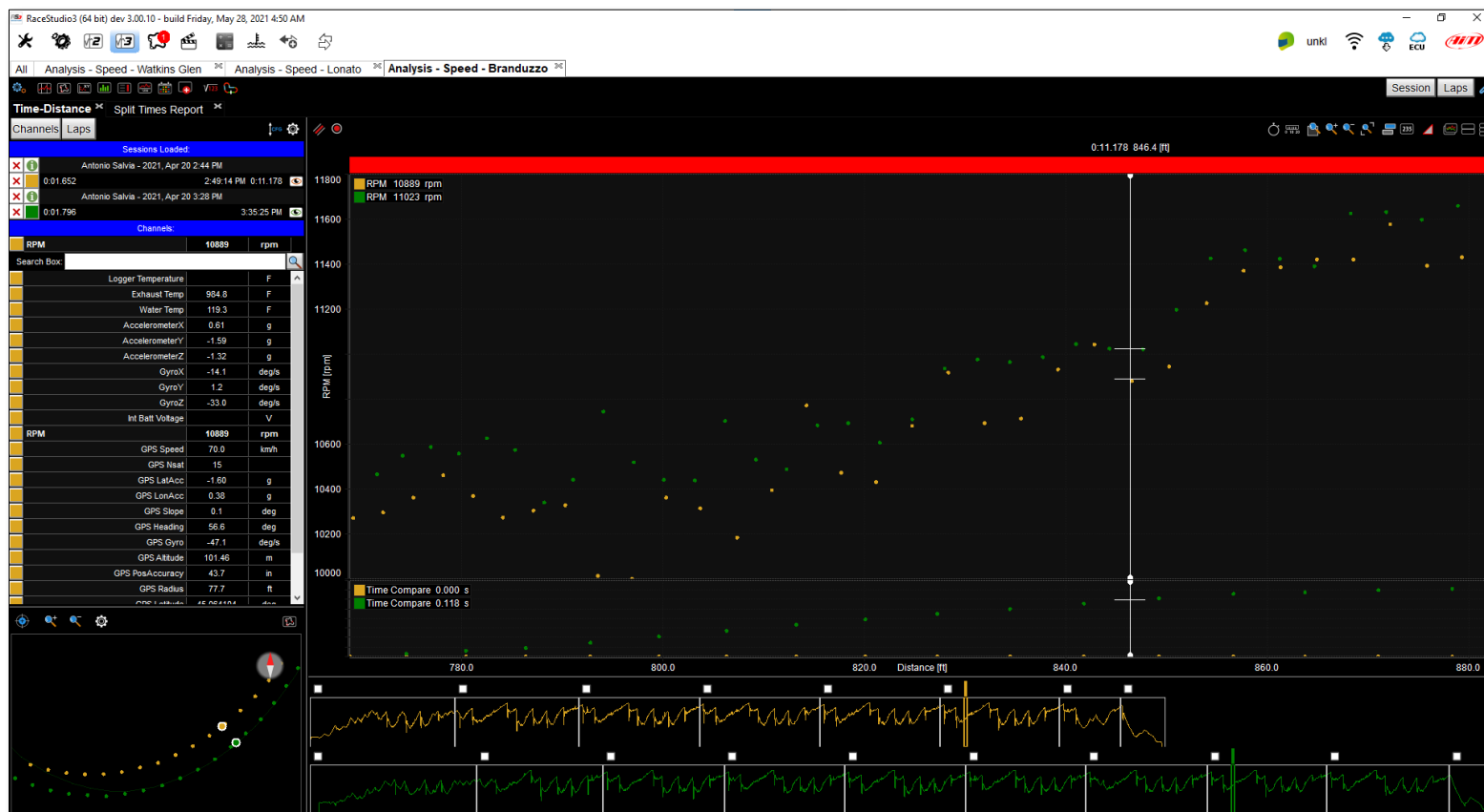


Race Studio 3 – Update #8

Fixes in Track Maps

Data Engine Improvements

We Went Looking for the Perfect Match, Based on User Feedback



Race Studio 3 – Update #8

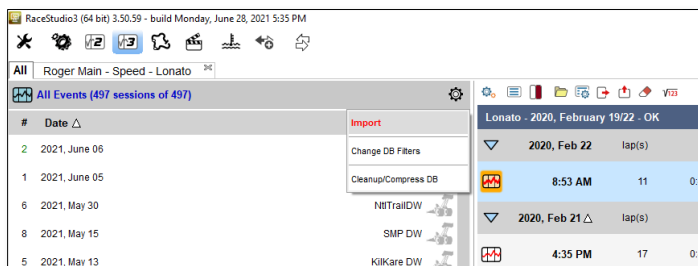
Data Engine Improvements

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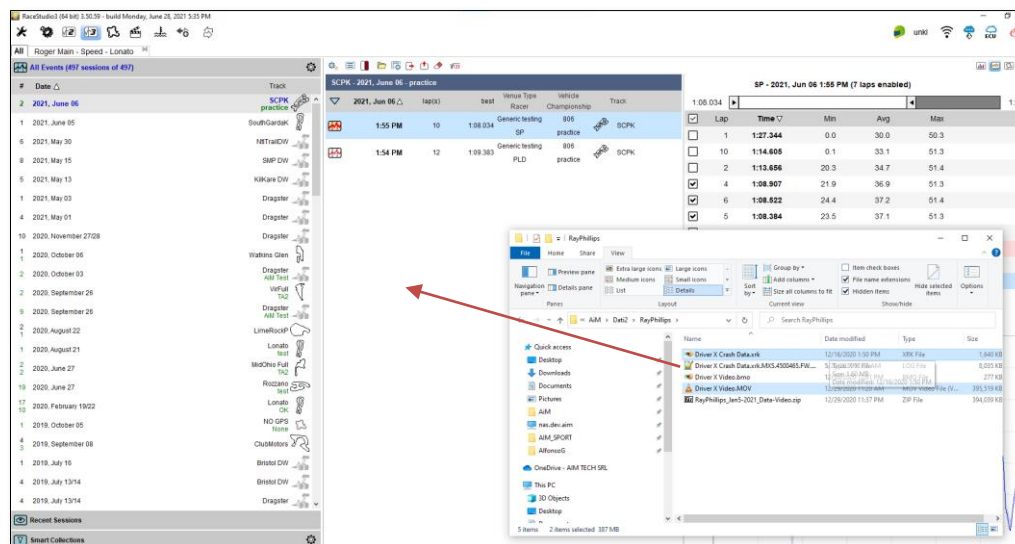
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Data/Video Import



Right Click on the Cogged Wheel and Select Import: Choose BOTH xrk and MOV!
Also in Different Moments

Drag and Drop from Windows Explorer to the Main Sessions List

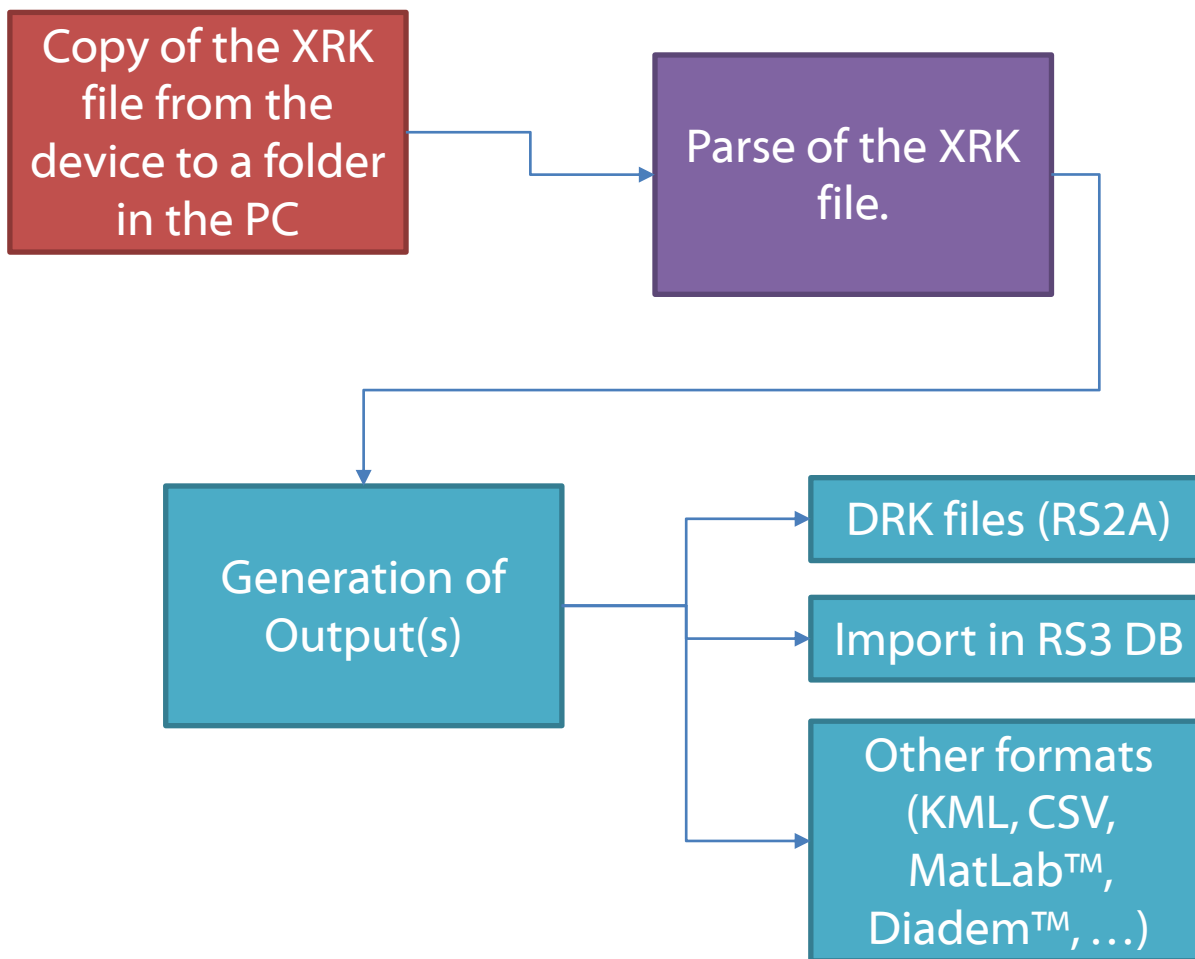


Race Studio 3 – Update #8

Data/Video Import

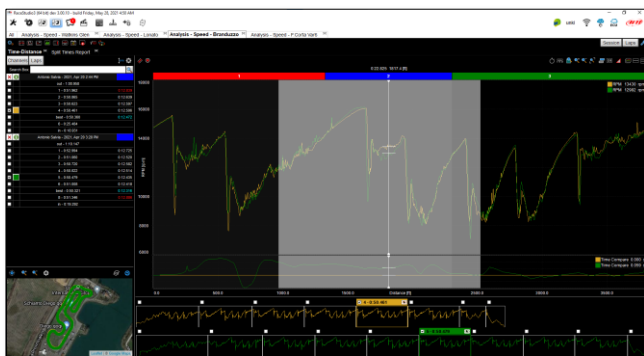
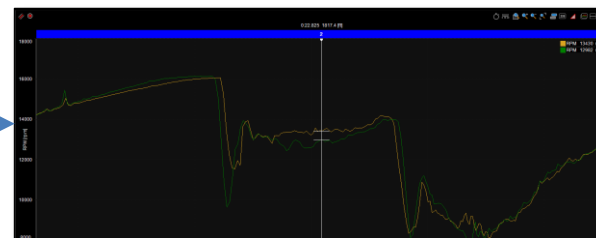
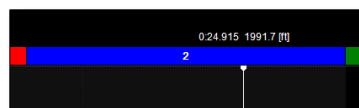
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Download



Zoom

- Keyboard Buttons Up/Down, Mouse Wheel to Generically Zoom In/Out
- Zoom to Split: Double-Click on Split Mark
- Zoom on Interval
- Zoom Pan
 - Zooms to Lap When in Snap On
 - Zooms to Session When in Snap Off



Race Studio 3 – Update #8

Zoom

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Other Fixes

- Long Time Closing RS3
- Time Zone and DST information in User Created Tracks
- Added AiM Computed Information to Those Available From Weather Services
- Track Mapping Made a Little Quicker
- Reverse Tracks





Most Requested Items

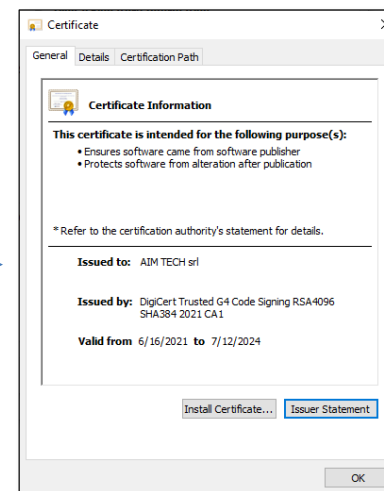
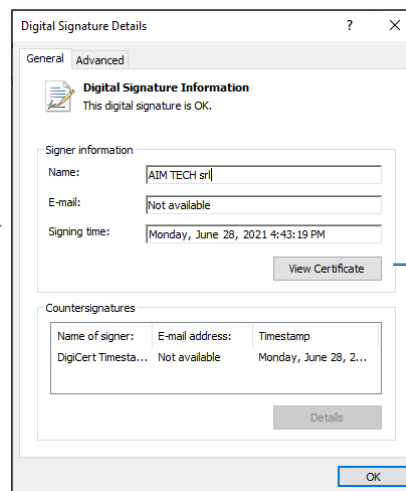
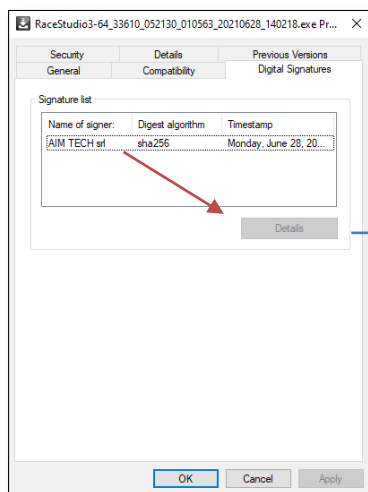
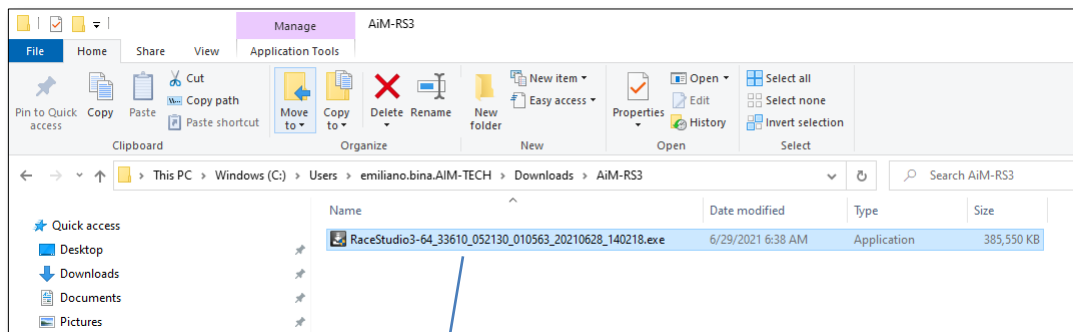
- Sort/Hide Channels
- Comments
 - As Generic Comments on Sessions
 - Bound to a Specific Timing of the Session



Digital Signature



AiM Certificate Should be OK
All Over the World Now (6-12
Days Since Release Date)



Race Studio 3 – Update #8

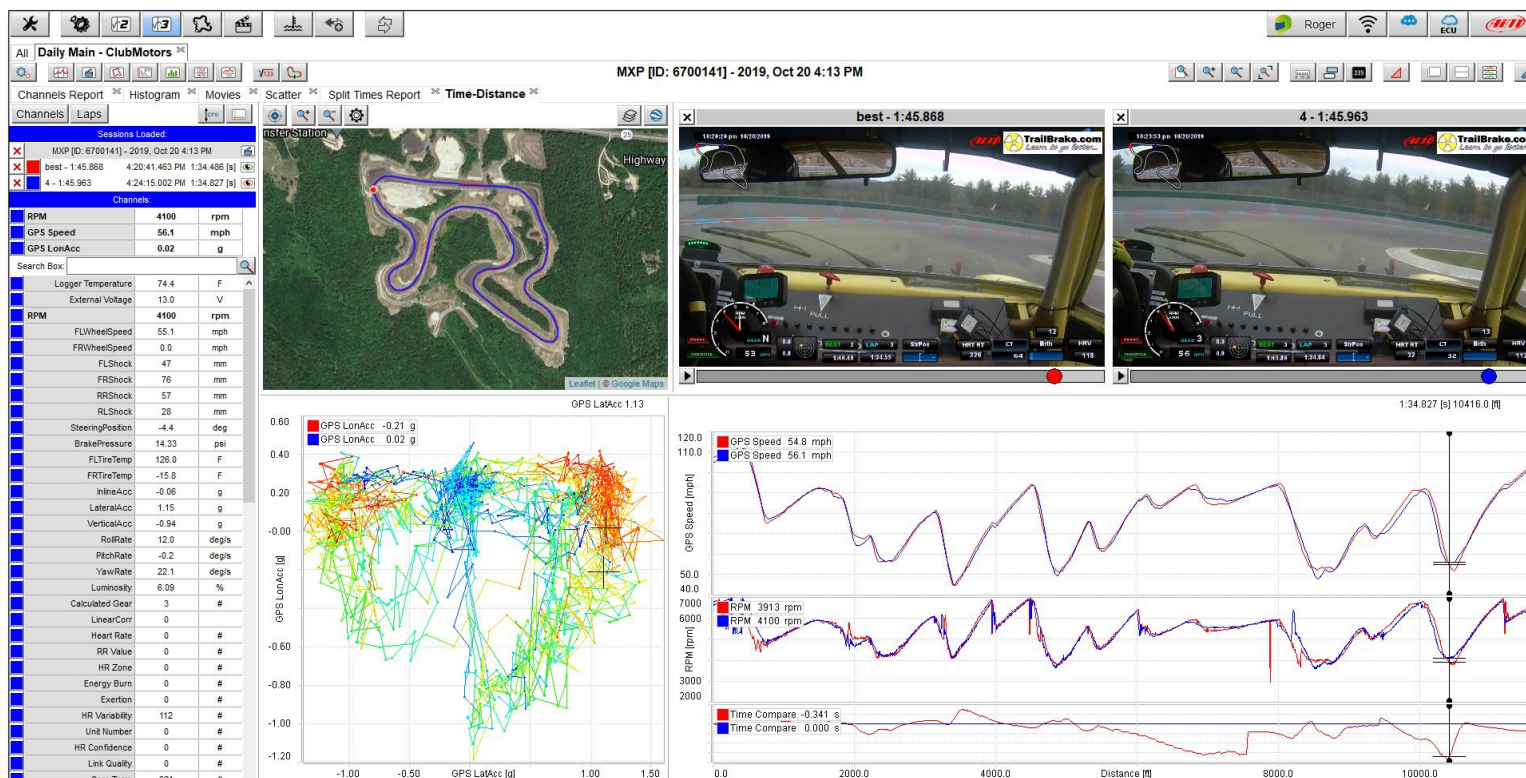
Digital Signature



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Live RS3A Demonstration



Race Studio 3 – Update #8

Live RS3A Demonstration

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LearnFast™ E-Training Videos



Currently **165** Videos and Growing

YouTube www.youtube.com/aimdata

Race Studio 3 Analysis
Software Release – Update #8

Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Emiliano Bina
AIM-Sportline - Software Developer

aimsports.com Tuesday June 29th, 2021 LearnFast™

We Have Answers!
LearnFast™ #100

Motorcycle Racing Data
With MotoAmerica Data Engineer, Chloé Lortie

Host:
Roger Caddell
AIM Sports - National Training Manager

Guest:
Chloé Lortie
MotoAmerica Data Engineer

aimsports.com Tuesday June 22nd, 2021 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 - 21 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

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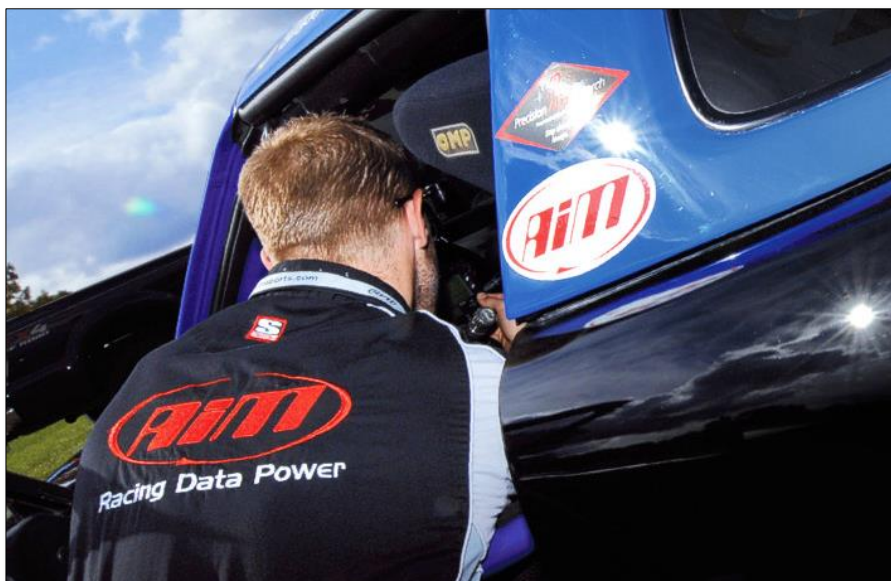
aimsports.com

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!

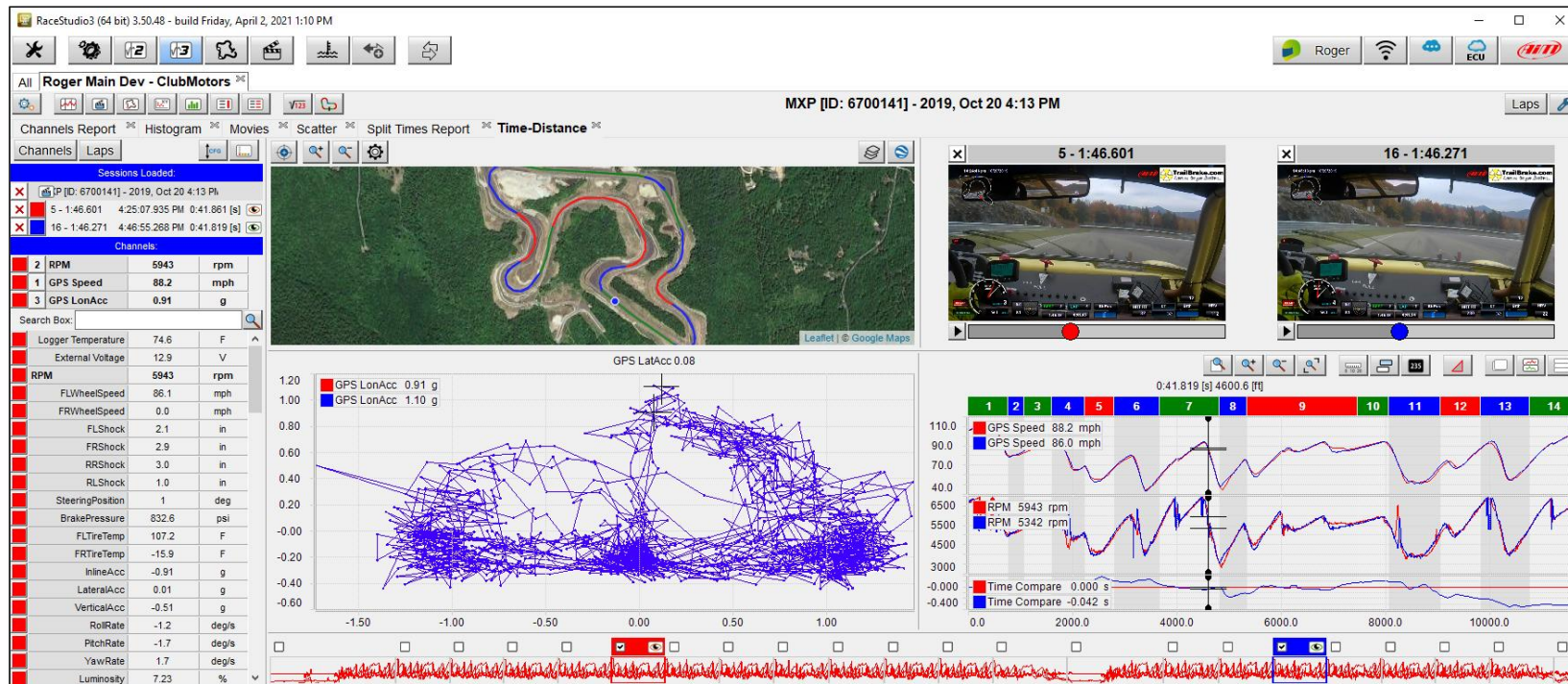


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Getting Your Data

From Logger to Analysis



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

TBD

TBD

Next Webinar: Tuesday July 6th, 2021 - 10:00am Pac/1:00pm East

Next Webinar Topic

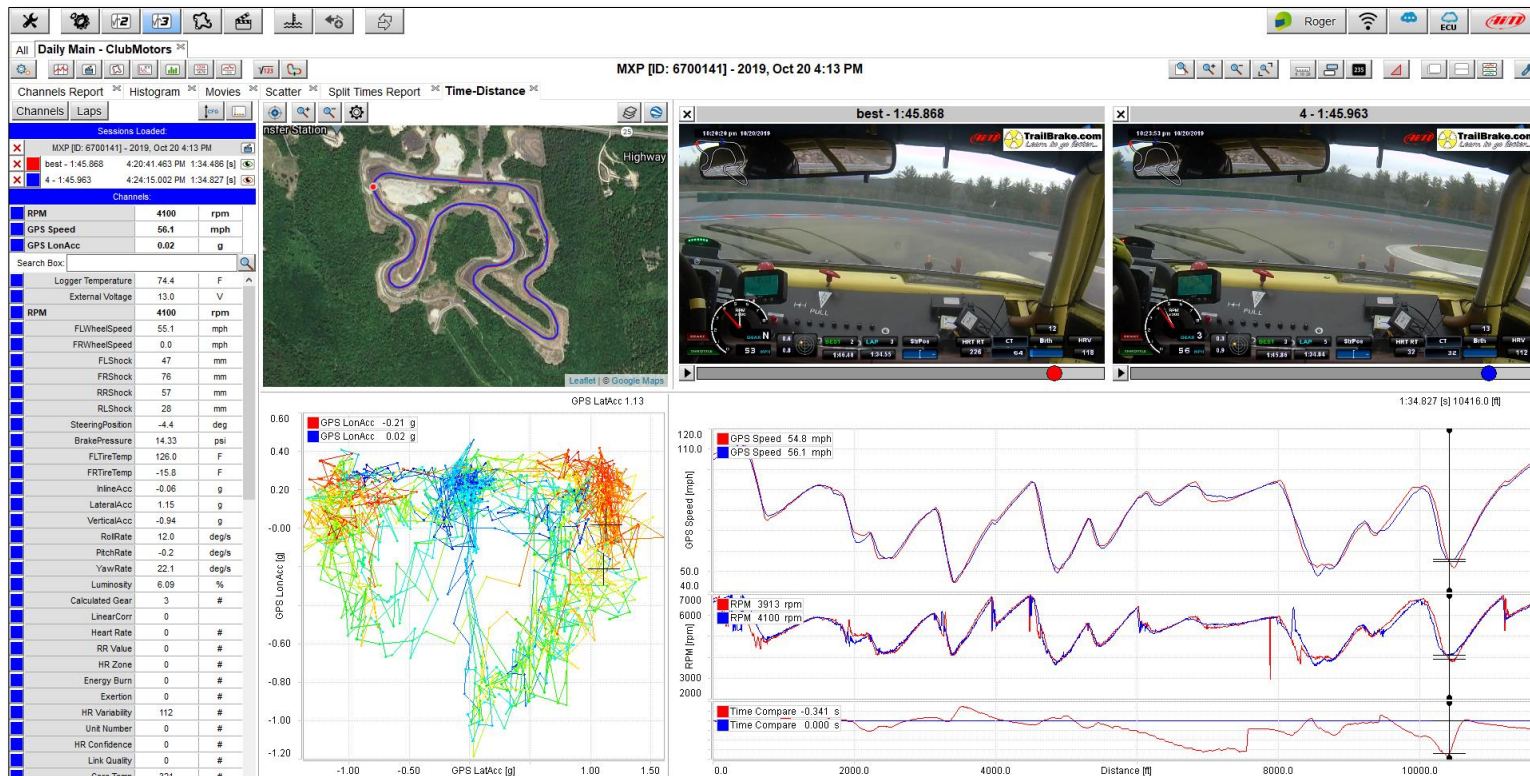
Data from Logger to Analysis

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Contact Information



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Co-Host:
Emiliano Bina

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Tuesday June 29th, 2021

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