

Motorcycle Racing Data - V2

With MotoAmerica Data Engineer, Chloé Lerin



Host:

Roger Caddell

AiM Sports - National Training Manager



Guest:

Chloé Lerin

MotoAmerica Data Engineer

Chloé Lerin



- Race Data Engineer at MotoAmerica
- Motorcycle Track Day Coach
- Amateur Motorcycle Club Racer #147
- 10 Years in Internal Combustion Engine Research – Work with Engine Dynos
- Master's in Mechanical Engineering from University of Wisconsin-Madison
- Engineering Diploma from UTT, France
- Enthusiast Educational Video Maker
- 2 Time Aim LearnFast Webinar Co-Host!



Chloé Lerin

Motorcycle Data Engineer



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

LearnFast™

Stepping Up From the Solo2

What Are The Options?

- Solo2 DL
- MXM, MXL2, MXK10 (ZX-10R) or MXS 1.2 Without Sensors (Will Cover Analog and Digital Sensors in Our Next Webinar)



Motorcycle Racing Data – V2

Stepping Up From The Solo2

LearnFast™

Value Added With CAN Data

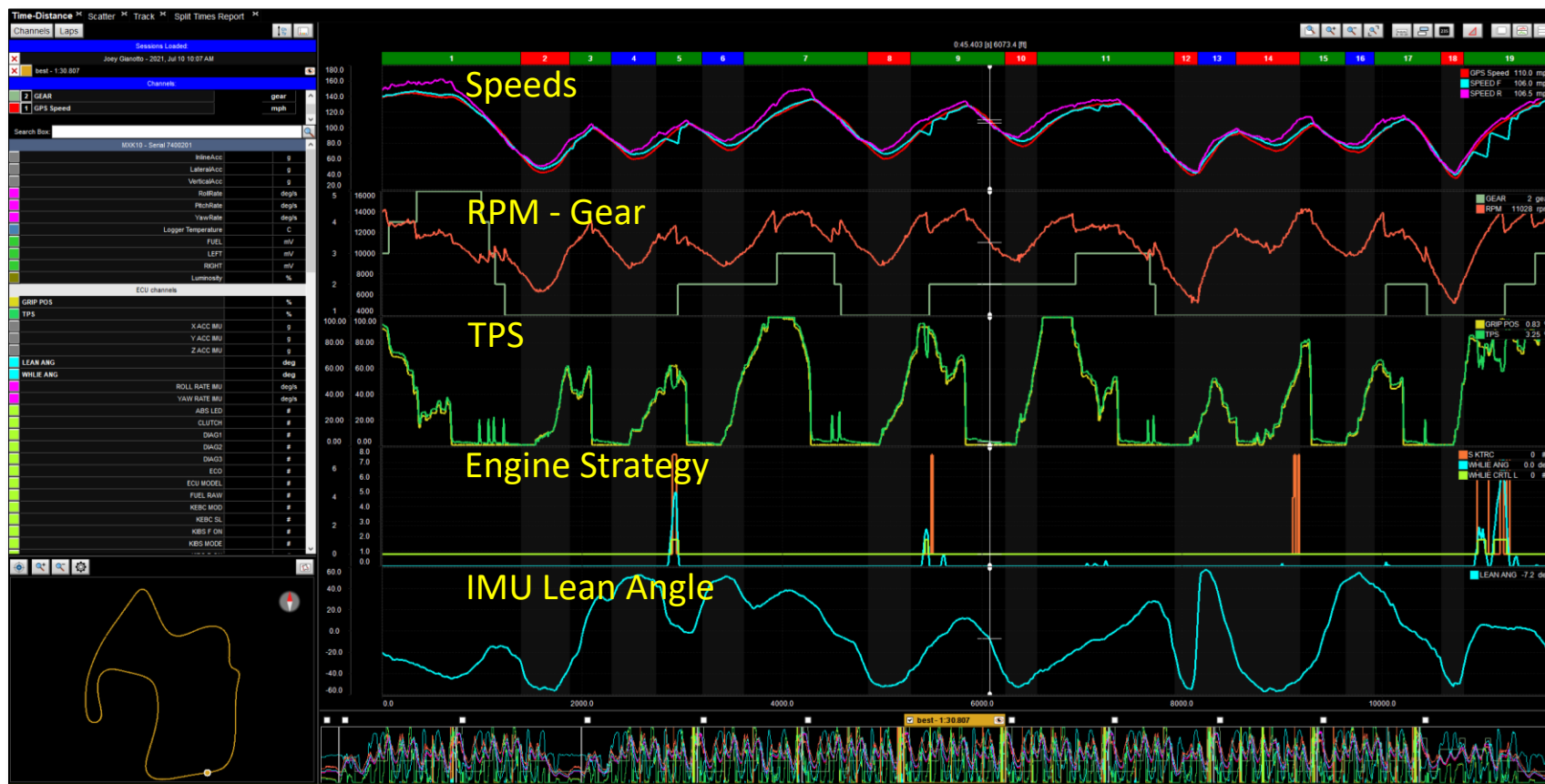
- CAN is a Message-Based Protocol Designed to Communicate Information to Various Modules in the Vehicle
- Channels From Common Bikes (ZX10, R6, GSXR):

RPM	GSXR, ZX10, R6
Grip Position	GSXR, ZX10, R6
Throttle Position	GSXR, ZX10, R6
Coolant, Intake Air Temperatures	GSXR, ZX10, R6
Air/Fuel Ratio	GSXR
Gear Position	GSXR, ZX10, R6
Modes (Maps, Engine Brake)	GSXR, ZX10, R6
Ignition Angle	GSXR
Traction Control, Wheelie Control	ZX10, R6
Wheel Speed Front, Rear	ZX10, R6
Rear Wheel Driven Distance	ZX10
IMU-Based Lean Angle	ZX10, R6

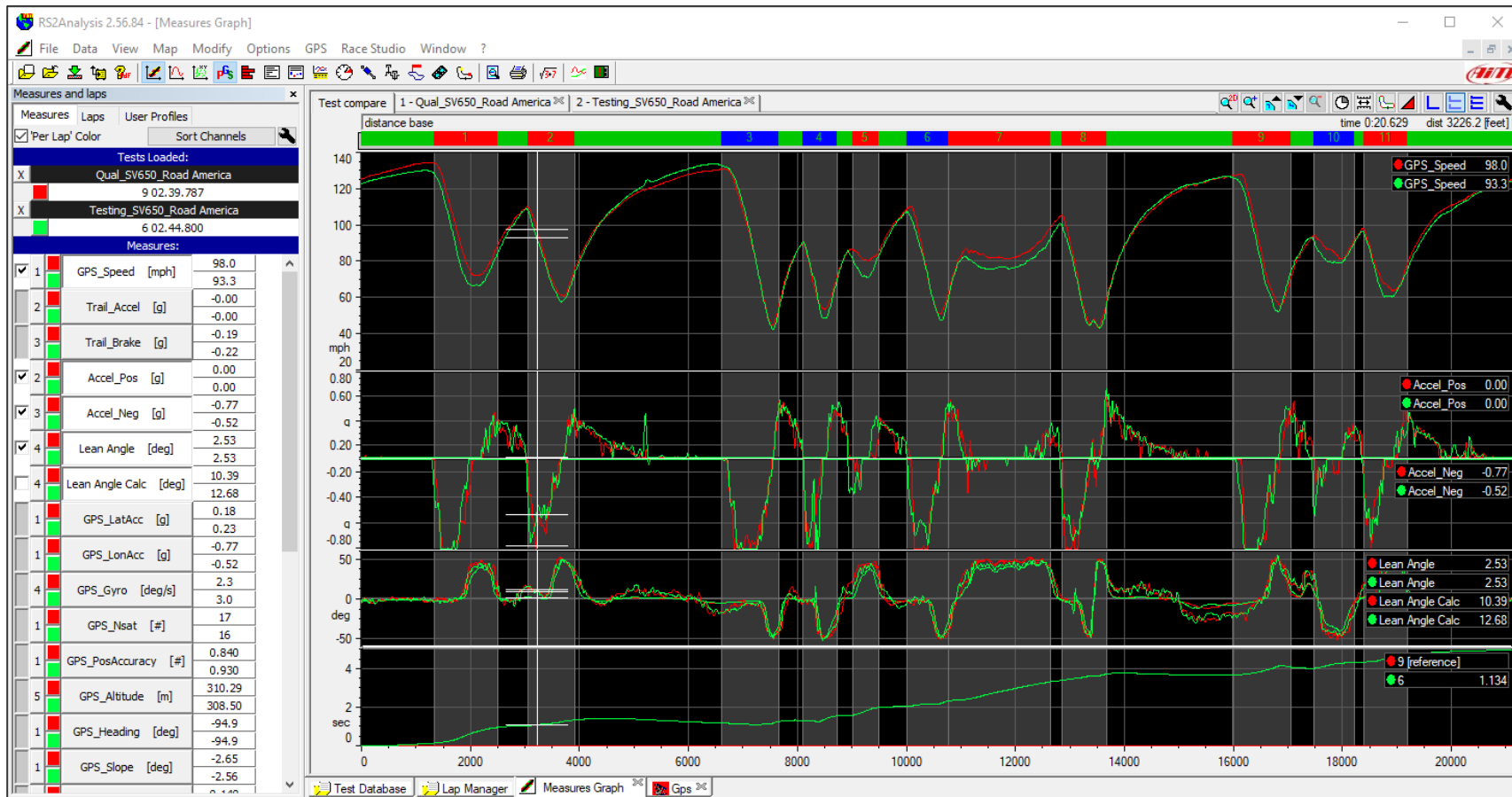
<http://www.aimsports.com/us/documentation-stock-ecu-connections.htm>

My User Profiles

CAN Data Channels



Live Race Studio Data Analysis



Motorcycle Racing Data – V2

Live Race Studio Data Analysis

LearnFast™



aimsports.com

LearnFast™ E-Training Videos



Currently **169** Videos and Growing

YouTube www.youtube.com/aimdata

Motorcycle Racing Data - V2
With MotoAmerica Data Engineer, Chloé Lerin

Host:
Roger Caddell
AIM Sports - National Training Manager

Guest:
Chloé Lerin
MotoAmerica Data Engineer

aimsports.com Tuesday July 27th, 2021 LearnFast™

We Have Answers!
LearnFast™ #104

- 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
 - Selection Criteria
 - Data Views
 - Sensor Calibration
 - Measure Units
 - Conditional Alarms
 - Sort Channels
 - Gear Position
 - Test Properties
 - Firmware Update
 - Per Lap Color
 - Solo Configuration
 - Export Tests
 - Transmit Tracks
 - Channel Reports
 - Gps Manager Overview
 - Setting Time
 - New GPS Track
 - Track Mapping
 - Webinars
- * *Most Popular and Recommended*

A Data Analysis Process
Guest Analysis Using 2010 Video Chirp

Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Peter Krause
AIM Sports - National Training Manager

aimsports.com Tuesday July 27th, 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

Additional Materials

LearnFast™ E-Training Videos

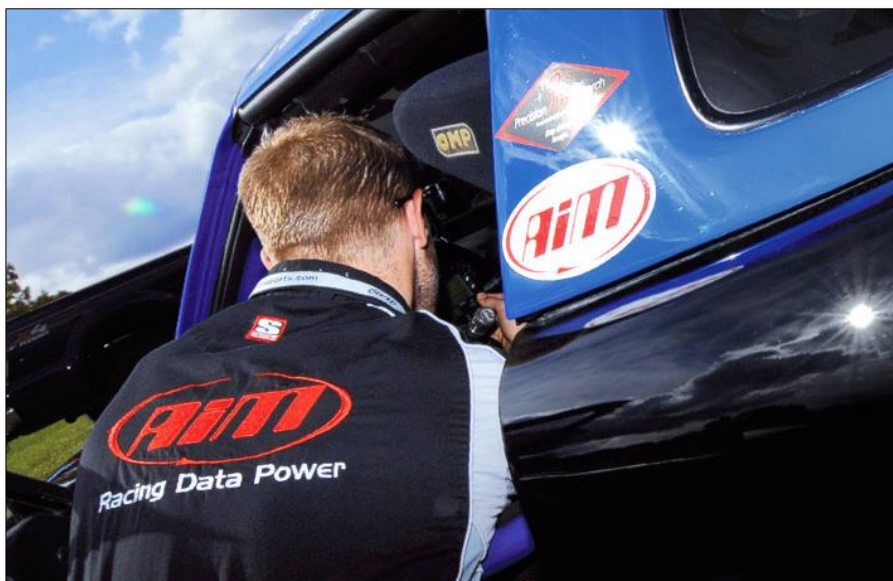
LearnFast™

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!

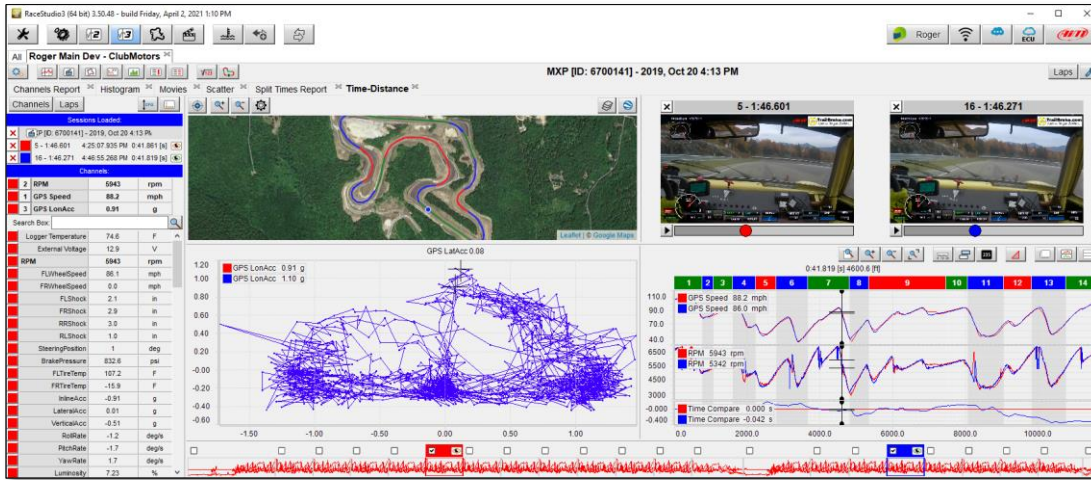
LearnFast™



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

Validating Setup Changes

Using Racing Simulator Data



Precision Driving Analytics
www.precisiondrivinganalytics.com

Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Ray Phillips

Precision Driving Analytics

Next Webinar: Tuesday Aug 3rd, 2021 - 10:00am Pac/1:00pm East



aimsports.com

Next Webinar Topic

Validating Setup Changes Using Racing Simulator Data

LearnFast™

Contact Information



Host:

Roger Caddell

AiM Sports
National Training Manager
roger@aimsports.com



Guest:

Chloé Lerin

MotoAmerica Data Engineer
chloelerin91@gmail.com
@enginerdissima



aimsports.com

Tuesday July 27th, 2021

LearnFast™