AGENDA

RT SPOTLIGHT, SAN FRANCISCO
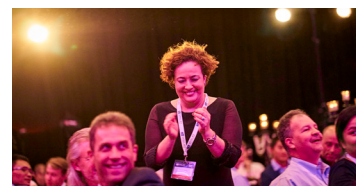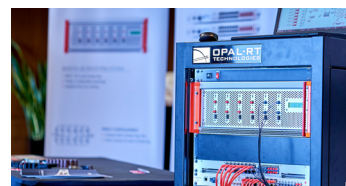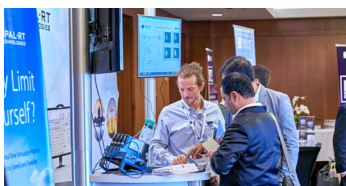
SEPTEMBER 26-27, 2019

Opal Event Center

251 Castro Street, Suite B, Mountain View, CA 94041 United States

THURSDAY, SEPTEMBER 26th, 2019

TIME	ACTIVITY	PRESENTER(S)
8:00 AM – 9:00 AM	— Registration & Breakfast	
9:00 AM – 10:15 AM	— Part 1 - Workshop on OPAL-RT's HIL tools usage for Electrical Power train simulation including RT-LAB, eHS and Electrical Motor library	Derek Boychuk, Customer, Solutions Architect, OPAL-RT TECHNOLOGIES
10:15 AM – 10:45 AM	— BREAK	
10:45 AM – 12:00 PM	— Part 2 - Workshop on OPAL-RT's HIL tools usage for Electrical Power train simulation including RT-LAB, eHS and Electrical Motor library	Derek Boychuk, Customer Solutions Architect, OPAL-RT TECHNOLOGIES
12:00 PM – 1:00 PM	— LUNCH - SPONSORED BY NATIONAL INSTRUMENTS	
1:00 PM – 2:00 PM	— Workshop on OPAL-RT's Scripting using Python RT-LAB	Vincent Lapointe, Product Manager, OPAL-RT TECHNOLOGIES
2:00 PM – 3:15 PM	— Part 1 - Workshop on EV powertrain HIL on NI Veristand including eHS and Electrical Motor library	Myriam Desranleau, Field Applications Engineer, OPAL-RT TECHNOLOGIES
3:15 PM – 3:45 PM	— BREAK	
3:45 PM – 5:00 PM	— Part 1 - Workshop on EV powertrain HIL on NI Veristand including eHS and Electrical Motor library	Myriam Desranleau, OPAL-RT, Field Applications Engineer

Thank you for visiting us at RT Spotlight

AGENDA

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FRIDAY, SEPTEMBER 27th, 2019

TIME	ACTIVITY	PRESENTER(S)
8:00 AM – 9:00 AM	Registration & Breakfast	
9:00 AM – 9:30 AM	Welcome to RT Spotlight, San Francisco Opening ceremony, Electrical powertrain HIL, where does OPAL-RT stand and where is OPAL-RT going ?	Pierre-Francois Allaire & Maxim Beaudoin, OPAL-RT
9:30 AM – 10:00 AM	Development of Hardware-in-the-Loop unit and Fast Prototyping tool using OPAL-RT at Karma Automotive	Geng Niu, Senior Manager, Powertrain Hardware, Karma Automotive
10:00 AM – 10:30 AM	Challenges, opportunities, and technology for electrification of LDV through HDV	David Christesen, Executive Director, Utah State University
10:30 AM – 10:45 AM	BREAK	
10:45 AM – 11:15 AM	Tools, Methods and Quality Approaches to Deliver High Quality Control in Digital Power Electronics.	Dr. Hamish Laird, CTO, ELMG Digital Power, Inc
11:15 AM – 11:45 AM	eHs and Electrical motors: Features, Roadmap, return on experience and market trends	Vincent Lapointe, Product Manager, OPAL-RT TECHNOLOGIES
11:45 AM – 12:15 PM	Full Vehicle Simulation for Electrified Powertrain Selection	Brad Hieb, Principal Application Engineer, MathWorks
12:15 PM – 1:15 PM	LUNCH - SPONSORED BY NATIONAL INSTRUMENTS	
1:15 PM – 1:45 PM	Applying a Platform-Based Approach to Optimize EV Testing	Nate Holmes, Principal Solutions Manager, Automotive, National Instruments
1:45 PM – 2:15 PM	SIL and HIL for ADAS and Autonomous testing architecture	Hervé Pollart, General Director, OPAL-RT STI
2:15 PM – 2:45 PM	Ensuring Reliable V2X Communications by Simulation	Lloyd Wihl, Application Engineering, SCALABLE Network Technologies
2:45 PM – 3:00 PM	BREAK	
3:00 PM – 3:30 PM	Advanced Power Emulators enable P-HIL Testing of Integrated Power Systems	David Eddy, General Manager, D&V Electronics USA
3:30 PM – 4:00 PM	Battery Management System with OPAL-RT	Derek Boychuk, Customer Solutions Architect, OPAL-RT TECHNOLOGIES
4:00 PM – 4:30 PM	Assessing the Impacts of Electric Vehicles into the Distribution Grid	Gustavo Vianna Cezar, Staff Engineer, SLAC National Accelerator Laboratory
4:30 PM – 6:30 PM	Exhibition	Sponsors
6:30 PM – 9:30 PM	WELCOME RECEPTION - SPONSORED BY NATIONAL INSTRUMENTS	

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