AGENDA

RT SPOTLIGHT
GLOBAL REACH, LOCAL PRESENCE

RT SPOTLIGHT, SAN FRANCISCO

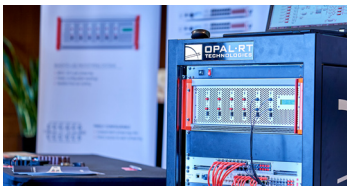
SEPTEMBER 26-27, 2019

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, OPAL-RT, Customer Solutions Architect
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, OPAL-RT, Customer Solutions Architect
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	Derek Boychuk or Myriam Desranleau, OPAL-RT
2:00 PM – 3:15 PM	Part 1 - Workshop on EV powertrain HIL on NI Veristand including eHS and Electrical Motor library	Myriam Desranleau, OPAL-RT, Field Applications Engineer
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

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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	Tools, Methods and Quality Approaches to Deliver High Quality Control in Digital Power Electronics.	Dr. Hamish Laird, CTO, ELMG Digital Power, Inc
10:00 AM – 10:15 AM	BREAK	
10:15 AM – 10:45 AM	Development of Hardware-in-the-Loop unit and Fast Prototyping tool using OPAL-RT at Karma Automotive	Geng Niu, Senior Manager, Power-train Hardware, Karma Automotive
10:45 AM – 11:30 AM	eHs and Electrical motors: Features, Roadmap, return on experience and market trends	Sébastien Cense, OPAL-RT, Team Leader eFPGASIM
11:30 AM – 12:00 PM	Challenges, opportunities, and technology for electrification of LDV through HDV	David Christesen, Executive Director, Utah State University
12:00 PM – 1:00 PM	LUNCH - SPONSORED BY NATIONAL INSTRUMENTS	
1:00 PM – 1:45 PM	SIL and HIL for ADAS and Autonomous testing architecture	Hervé Pollart, OPAL-RT STI, General Director
1:45 PM – 2:15 PM	Full Vehicle Simulation for Electrified Powertrain Selection	Brad Hieb, Principal Application Engineer, MathWorks
2:15 PM – 2:30 PM	BREAK	
2:30 PM – 3:00 PM	Battery Management System with OPAL-RT	Derek Boychuk, OPAL-RT, Customer Solutions Architect
3:00 PM – 3:30 PM	Power HIL for Motor Emulator	TBD
3:30 PM – 5:00 PM	Exhibition	Sponsors
6:30 PM – 9:30 PM	WELCOME RECEPTION - SPONSORED BY NATIONAL INSTRUMENTS	

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