

TechDay 2024 Conference

June 26th - 28th, 2024 | Novi Sad, Serbia



June 26th | Wednesday

20:00 - 22:00 **Welcome Drinks: Loft Bašta** [[Njegoševa 9](#)]

June 27th | Thursday

8:30 - 9:30 **Registration with Coffee**

General Introduction

9:30 - 9:45 Welcome Note | Nikola Celanovic, CEO, **Typhoon HIL**

9:45 - 10:15 In the Loop: A Recap of Recent Developments | Dusan Majstorovic, CTO, **Typhoon HIL**

10:15 - 10:45 Productized HIL Models: Solutions for Unrivaled ROI | Adrien Genic, **Typhoon HIL**

10:45 - 11:15 **Coffee Break**

Expert Presentation and Discussions

11:15 - 11:45 HIL Compatible for ESS System Integration | James Cleveland, **IHI Terrasun**

11:45 - 12:15 Electrical System Integration – A C-HIL Approach | Lisette Cupelli, **Rolls Royce Power Systems AG**

12:15 - 12:45 Revolutionizing Testing: Uncovering the Power of Hardware-in-the-Loop | David Lumbreras Magallón, **Ingeteam Power Technology**

12:45 - 14:00 **Lunch Break and Networking**

Expert Presentation and Discussions

14:00 - 14:30 Future-Proof HIL Solutions for e-Drives of Today and Tomorrow | Petar Gartner, **Typhoon HIL**

14:30 - 15:00 Versatile Typhoon HIL Simulator Application in Automotive ECU Project with ASPICE Conformity Level 2 and Functional Safety Relevance | Meng Sun, **BorgWarner**

15:00 - 15:30 Accelerating with Hardware-in-the-Loop at HERO | Felix Fleissner, **HERO**

15:30 - 16:00 Toolbox EV Twin – Power-HIL Testing of Electric Vehicle Charging Behavior | Bernhard Wille-Hausmann, **Fraunhofer ISE**

16:00 - 17:30 **Showroom and Networking with Refreshments**

Evening Networking and Conference Dinner

17:30 - 19:00 **Free Time**

19:00 - 20:00 **Gallery Visit** | The Pavle Beljanski Memorial Collection [[Trg galerija 2](#)]

20:00 - 22:30 **Conference Dinner** | Restaurant Zak [[Narodnih heroja 3](#)]

Register

TechDay 2024 Conference

June 26th - 28th, 2024 | Novi Sad, Serbia



June 28th | Friday

General Introduction

9:00 - 9:15 **Welcome Note**

Expert Presentation and Discussions

- 9:15 - 9:45** HIL-based 61850 Testing of Distribution and Transmission Substations Running on Centralized (CPC) and Virtualized (VPAC) Protection and Control Architectures | Marco Nunes, **ABB Switzerland**
- 9:45 - 10:15** How Real-Time Simulation Facilitates New Methods for Testing Wind Turbines | Florian Hans, **Fraunhofer Institute for Wind Energy Systems (IWES)**
- 10:15 - 10:45** Development of an Automatic Test Procedure for Commercial PV Inverters using the Typhoon HIL and Typhoon Test Platforms | Fernanda Carnielutti, **Federal University of Santa Maria**
- 10:45 - 11:15** **Coffee and Networking Break in Showroom**

Expert Presentation and Discussions

- 11:15 - 11:45** De-risk your Product Lifecycle with MyDrive HIL Compatible | Søren Bækthøj Kjær, **Danfoss Drives**
- 11:45 - 12:15** How to use HIL to Run Straddle Carrier | Dilip Nandavadekar, **REFU**
- 12:15 - 12:45** From HIL to H2 with the Power of a Typhoon | Sture Van de moortel, **ABB Switzerland**
- 12:45 - 14:00** **Lunch Break and Networking**

Expert Presentation and Discussions

- 14:00 - 14:30** Charging Ahead: High-Performance DC-DC Converter Solver | Jovan Zelic, **Typhoon HIL**
- 14:30 - 15:00** From Vision to Verification: Typhoon Test Hub for End-to-End Product Success | Henrique Magnago, **Typhoon HIL**
- 15:00 - 15:30** From Fragmented to Unified: TyphoonSim Future-Proofs Power Electronics Workflows | Milos Miletic, **Typhoon HIL**
- 15:30 - 16:30** **TechDay Wrap and Closing Remarks with Cocktails**

Register