

PROGRAM AT A GLANCE

**Mark your calendars for September 19th, 2024,
in Rio de Janeiro and be part of RT24!**

Explore the latest trends and innovations in Real-Time Simulation for
Power Systems.

Join us for RT24, OPAL-RT's Regional Conference, as we delve into the
forefront of real-time simulation technologies and applications. This year,
our conference will focus on the following key subjects:

- Converter- Based Energy Resource
- Cybersecurity
- Distribution
- FACTS & HVDC
- Microgrid
- Substation
- Transmission

[Consult the full agenda on the next page for more details.](#)

Don't miss this opportunity to connect with industry experts, explore
cutting-edge solutions, and stay ahead of the curve in real-time
simulation!

Electrifying the World Beyond Real Time !



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Rio de Janeiro, Brazil

19th September	
08:00 - 08:30 AM	Soft Opening and Registration
08:30 - 09:10 AM	Opening Session and Keynote Jean Bélanger, President and CTO at OPAL-RT + François Jubinville, Canada's Consul General in Rio de Janeiro + Jason Naud, Consul of Canada and Director of the Quebec Office
09:10 - 09:40 AM	CEPEL – “Application cases of real-time digital simulation for PMU and Inverted Based Resources at CEPEL” Presenter: Oscar Solano
09:40 - 10:10 AM	ONS – “Real-time Co-simulation of a Very Large Power Grid by using Hypersim and RTDS Platforms” Presenters: João José Rodrigues de Oliveira & Henildo Medeiros de Barros
10:10 - 10:30 AM	<i>Coffee break</i>
10:30 - 11:00 AM	WEG – “Wind Power Converter Controller Verification through Hardware in the Loop Testing” Presenter: Jair Cassoli
11:00 - 11:30 AM	UFMS – “UFMS’s experience using real-time simulation in testing with IEC standard” Presenter: Maurício Sperandio
11:30 AM - 12:00 PM	USP – “InnovaPower-RCGI-USP Real-Time Simulation Laboratory: Spotlight on PHIL and Power Converters” Presenter: Renato Monaro
12:00 - 12:20 PM	Keysight – “Vulnerability Investigation in Critical Systems” Presenter: Vitor Oliveira
12:20 - 13:50 PM	<i>Lunch</i>
13:50 - 14:20 PM	XM Colombia – “LabTween: Real-Time Simulation Laboratory for Power Systems” Presenter: Steven Jimenez Gomez
14:20 - 15:00 PM	ONS – “IBR Insertion and Digitalization as Challenges to the Power Grid’s Operations” Presenters: Denise Borges de Oliveira & Tatiana Maria Tavares de Souza
15:00 - 15:30 PM	LACTEC – “CyberLab: A Testbed for Advanced Architectures and Machine Learning-Driven Threats in Critical Infrastructure” Presenter: Douglas Amaral
15:30 - 15:50 PM	<i>Coffee break</i>
15:50 - 16:50 PM	Panel: ONS (Yasmin Cyrillo & Arthur Do Carmo Mouco) + CEN (Simón Veloso) + XM Colombia (Steven Jimenez Gomez) + Jean Bélanger (moderator)
16:50 - 17:40 PM	Visit to LFAFE Lab
17:40 - 17:50 PM	Closing section at LFAFE Lab
19:30 - 23:00 PM	<i>Cocktail at Rio Scenario (optional)</i>

