



Belo Horizonte, Brazil

Welcome to

***International Conference on
Power Systems Transients***

June 07 - 10, 2021 - Belo Horizonte, Brazil



International Conference on Power Systems Transients

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Local Chair:

Prof. Silvério Visacro



*LRC - Lightning Research Center
Federal University of Minas Gerais*

Brazil

- ***Greetings***
- ***Condolences***
- ***A virtual edition of IPST
has come true***
- ***Host: LRC – UFMG***

Campus - UFMG
Belo Horizonte – MG
Brazil

LRC: Lightning Research Center

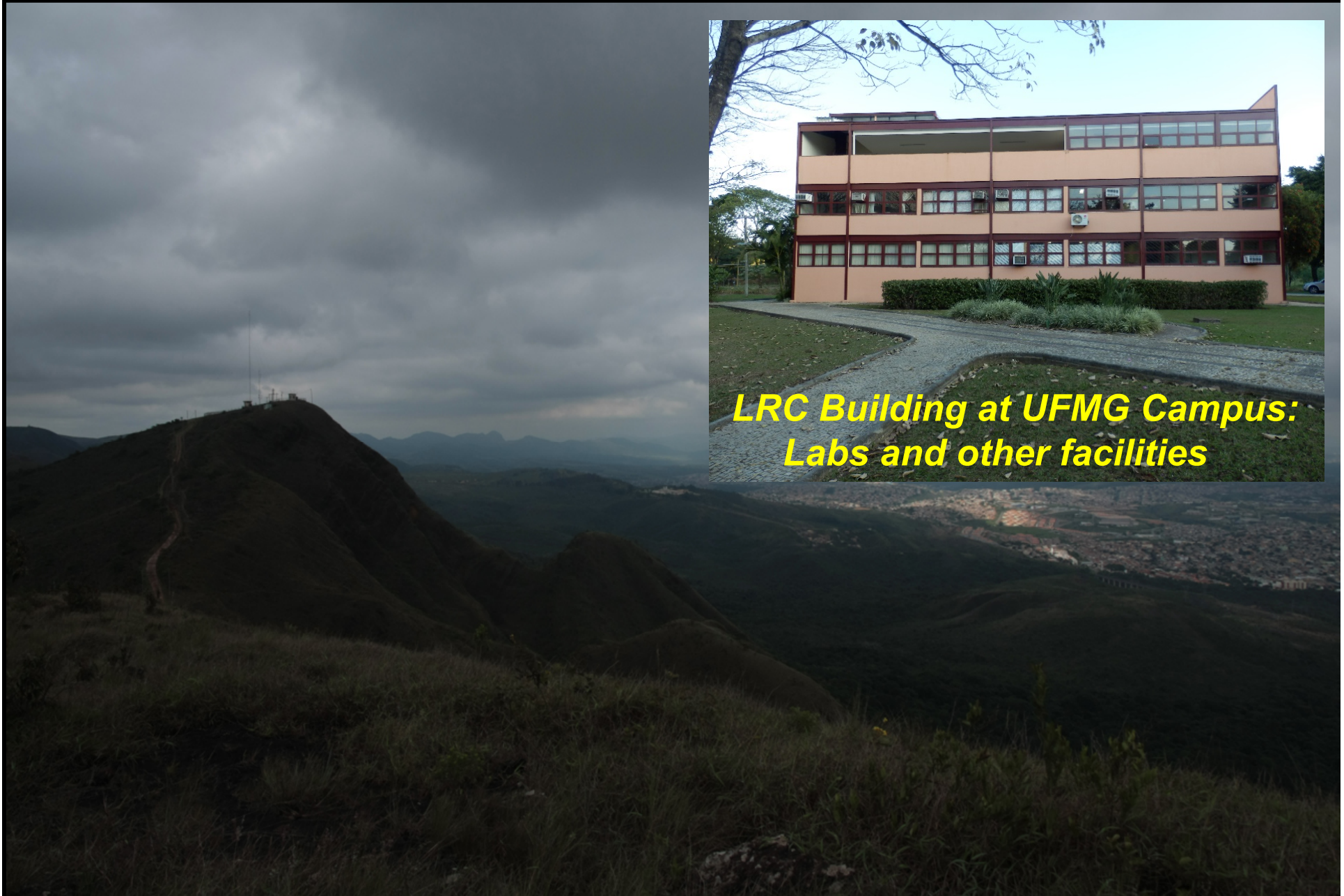


LRC: LIGHTNING RESEARCH CENTER (UFMG - CEMIG)

MCS - MORRO DO CACHIMBO STATION



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*LRC Building at UFMG Campus:
Labs and other facilities*

A virtual Conference:

IPST2021



- Program:

Conference Program – IPST2021 (Brazilian TIME: UTC/GMT - 3 hours)

Auditorium

Opening Ceremony - Local Chairperson: 08:30 - 08:45

Keynote Speech (Auditorium): 08:45 - 09:25

A. R. M. Tenório, Brazilian Interconnected Power System - An Overview of a Continental Synchronous Grid

Message from the Technical Committee: 09:25 - 09:40

Message from the Chairperson: 09:40 - 09:50

A virtual Conference: **IPST2021** ○ Program (1st day):

Conference Program – IPST2021 (Brazilian TIME: UTC/GMT - 3 hours)

		Auditorium	
		Opening Ceremony - Local Chairperson: 08:30 - 08:45	
		Keynote Speech (Auditorium): 08:45 - 09:25 A. R. M. Tenório, Brazilian Interconnected Power System - An Overview of a Continental Synchronous Grid	
		Message from the Technical Committee: 09:25 - 09:40	
		Message from the Chairperson: 09:40 - 09:50	
Day	Session: 1A, Transmission Lines and Cables I Chairs: Jose Martí, Alberto De Conti	Session: 1B, Real-Time Simulators Chairs: Henildo Barros, João José de Oliveira	
June 07 – morning	15-Vicente Torres (MEXICO), Fault Location on Transmission Lines Based on Travelling Waves Using Correlation and MODWT	13-Renzo Fabián (BRAZIL), Real-Time RMS-EMT Co-Simulation and Its Application in HIL Testing of Protective Relays	
	26-Grigoris K. Papagiannis (GREECE), Modal Propagation Characteristics and Transient Analysis of Multiconductor Cable Systems Buried in Lossy Dispersive Soils	23-Boris Bruned (FRANCE), Compensation Method for parallel real-time EMT studies	
Day	Session: 2A, Switching and Fault Transients I Chairs: Bozidar Filipovic, Fernando Moreira	Session: 2B, System Protection I Chairs: Brian Johnson, Felipe Lopes	
June 07 - afternoon	21-Paulo Sergio Pereira Junior (BRAZIL), Performance Assessment of a Line Protection Implemented With Process Bus and GOOSE Through Transient Closed Loop Tests	1-Saswati Mishra (INDIA): A Novel Two-terminal Fault Location Approach Utilizing Traveling-waves for Series Compensated Line Connected to Wind Farms	
	33-Gabriel Miguel Gomes Guerreiro (SWEDEN), Cross-Country Faults in Resonant-Grounded Networks: Mathematical Modelling, Simulations and Field Recordings	5-Javier Arturo Santiago Ortega (BRAZIL), Fault Impedance Analysis and Non-Conventional Distance Protection Settings for Half-Wavelength Transmission Line Applications	
		Mihajlo Curcic - Presentation by Sponsor (EMTP) - Auditorium: 15:20 – 15:40	
Day	Session: 3A, Transformers, Reactors, Inrush currents Chairs: Pablo Gomez, Washington Neves	Session: 3B, Switching and Fault Transients II Chairs: Maria Cristina Tavares, Wallace Boaventura	
June 07 - afternoon	89-Paul Akiki (FRANCE), Study of high frequency transient overvoltage caused by cable-transformer quarter-wave resonance	50-Jhair Stivel Acosta Sarmiento (BRAZIL), Optimizing multi-circuit transmission lines for single-phase auto-reclosing	
	91-Abolfazl Babaei (CANADA), Transient Characteristics of On-load Tap Changers During Change-over Operation	72-Bozidar Filipovic-Grcic (CROATIA), Effects of autotransformer's stabilizing winding on current-voltage conditions during unsymmetrical faults	

- *Procedures:*

- *Chairpersons*

- *Presentations:*

- *All video recorded presentations*

- *Questions and answers*

- *5 minutes for discussion*

- *All questions by chat*

- *Let us move to the Keynote Speech*

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Antonio Ricardo De Mattos Tenório received his BSc Degree with honors in Electrical Engineering from Federal University of Pernambuco, Brazil in 1982, and his MSc in Electrical Power Engineering from University of Manchester, UK, in 1995. In 2010, he did an MBA at PUC-Rio (Pontifical Catholic University, Rio de Janeiro, Brazil) in Energy Business and in 1985 he did postgraduate studies at Federal University of Itajubá (Minas Gerais, Brasil). Mr. Tenório joined CHESF (Brazil) in 1982, and in 2000 joined ABB Power Systems in Sweden, moving back to join ONS in Brazil in 2004, where he has been working since then. Mr Tenório is an IEEE and CIGRE Member. He has been serving the CIGRE Brazilian National Committee as Secretary (2012-2016) and Charman (since 2016) of the Brazilian Study Committee B4, being the Brazilian regular member of Study Committee B4 – DC systems and Power Electronics (since 2016). His area of interest includes HVDC links, FACTS controllers, Electrical and EMT studies, and Power Quality.