

The Use of Synchrophasors in Power Systems

An Indispensable Infrastructure in the 21st Century

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Programa de Engenharia Elétrica





Motivations



- The increasing number of PMU applications in the electric power industry
- The positive outcome of the first practical applications reported in many countries



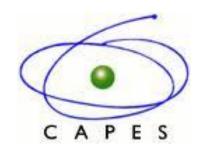


Acknowledgements











STINT

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Acknowledgements

- Prof. Luigi Vanfretti, KTH Sweden
- Prof. Tatiana Assis, COPPE/UFRJ
- Panelists
 - # Renan Giovanini, ONS
 - # Aguinaldo Silva, UFSC
 - José Eduardo Alves, CEPEL
 - Jan Ove, Statnett Norway
 - Christer Bohm, Net Insight Sweden
 - Luc-Andre Gregoire, Opal-RT Canada





The Morning Program



Time	Subject	Panelist
8h45-9h	Welcome and Introduction	Glauco Taranto (COPPE/UFRJ)
9h-9h45	Developing Real-Time PMU Applications for Smart Transmission Grids in a Real- Time Hardware-in-the-Loop Laboratory	Luigi Vanfretti (KTH)
9h45-10h30	Steps toward the use of synchrophasors by the Brazilian ISO	Renan Giovanini (ONS)
10h30-11h	Coffee-break	
11h-11h45	The MedFasee Project	Aguinaldo Silva (UFSC)
11h45-12h30	Statnett's Smart Grid R&D Strategy and Projects: Further PMU Development and WAMS Tools Development	Jan Ove (Statnett)
12h30-14h	Lunch	



5/8 December 12, 2012 G.N.Taranto

The Afternoon Program



Time	Subject	Panelist
14h-14h30	CEPEL's new PMU Laboratory	José Eduardo Alves (CEPEL)
14h30-15h	Reliable network solutions enabling SmartGrid applications	Christer Bohm (Net Insight)
15h-15h30	Hardware-in-the-loop simulations	Luc-Andre Gregoire (Opal-RT)
15h30-16h	Coffee-break	
16h-16h45	Software and hardware demonstrations	Sweden and Canada

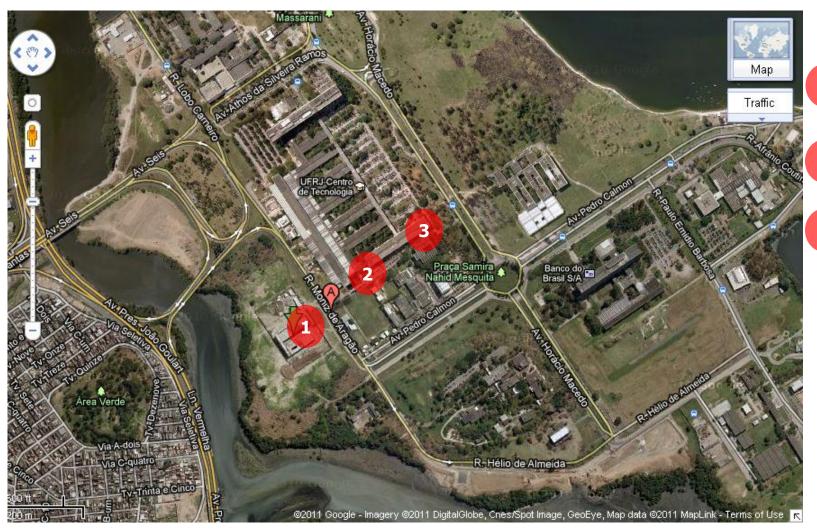




G.N.Taranto December 12, 2012

Lunch time





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