



Tuesday, October 25

07:45 Shuttle Bus

TUTT1	Feedback / Control
Tutorial Room 1	Chair: Daniel de Oliveira Tavares - Brazilian Synchrotron Light Laboratory
09:00	TUTT1T01 Feedback Control for Particle Accelerators - Part 1 Speaker: Ralph Jeffrey Steinhagen - GSI Helmholtzzentrum für Schwerionenforschung GmbH
10:30	Coffee Break
11:00	TUTT1T02 Feedback Control for Particle Accelerators - Part 2 Speaker: Ralph Jeffrey Steinhagen - GSI Helmholtzzentrum für Schwerionenforschung GmbH
12:30	Lunch
14:00	TUTT1T03 Feedback Control for Particle Accelerators - Part 3 Speaker: Ralph Jeffrey Steinhagen - GSI Helmholtzzentrum für Schwerionenforschung GmbH
15:30	Coffee Break
16:00	TUTT1T04 Feedback Control for Particle Accelerators - Part 4 Speaker: Ralph Jeffrey Steinhagen - GSI Helmholtzzentrum für Schwerionenforschung GmbH
18:00	Shuttle Bus

TUTT2	Jupyter Notebook / SBC
Tutorial Room 2	Chair: Gustavo Barbosa Monteiro Bruno - Brazilian Synchrotron Light Laboratory
09:00	TUTT2T01 Python: Introduction to Jupyter Notebook - Part 1 Speaker: Luciano Ramalho - ThoughtWorks Brasil
10:30	Coffee Break
11:00	TUTT2T02 Python: Introduction to Jupyter Notebook - Part 2 Speaker: Luciano Ramalho - ThoughtWorks Brasil
12:30	Lunch
14:00	TUTT2T03 Data Analysis and Predictive Modeling in Python - Part 1 Speaker: Andressa Sivoiella - ThoughtWorks Brasil
15:35	Coffee Break
16:00	TUTT2T04 Data Analysis and Predictive Modeling in Python - Part 2 Speaker: Andressa Sivoiella - ThoughtWorks Brasil
18:00	Shuttle Bus

TUTT3	Git / Py4Syn / OpenCL
Tutorial Room 3	Chair: Lucas Maziero Russo - Brazilian Synchrotron Light Laboratory
09:00	TUTT3T01 Introduction to Git Speaker: Janito Vaqueiro Ferreira Filho - Brazilian Synchrotron Light Laboratory
10:30	Coffee Break
11:00	TUTT3T02 Py4Syn and LNLS IOC Script Speaker: Marcio P. Donadio - Brazilian Synchrotron Light Laboratory
12:30	Lunch
14:00	TUTT3T03 Introduction to OpenCL Speaker: Janito Vaqueiro Ferreira Filho - Brazilian Synchrotron Light Laboratory
15:35	Coffee Break
16:00	TUTT3T04 Effective OpenCL Speaker: Janito Vaqueiro Ferreira Filho - Brazilian Synchrotron Light Laboratory
18:00	Shuttle Bus

Wednesday, October 26	
	07:45 Shuttle Bus
WEOPPL Plenary Room	09:00 Opening and Welcome Session Chair: Harry Westfahl Jr. - Brazilian Synchrotron Light Laboratory
WEKTPL Plenary Room	09:30 Keynote Speaker: Jameson Rollins - California Institute of Technology WEKTPLK01 LIGO: The dawn of gravitational wave astronomy Chair: Harry Westfahl Jr. - Brazilian Synchrotron Light Laboratory
	10:30 Coffee Break
WECSPL Plenary Room	Session 1: Control Systems Chair: Jan Chrin - Paul Scherrer Institut
	11:00 WECSPLIO01 The Sirius Motion Control Report Speaker: Marcio P. Donadio - Brazilian Synchrotron Light Laboratory
	11:20 WECSPLCO02 Control System Evolution and the Importance of Trial and Error Speaker: Philip Duval - Deutsches Elektronen-Synchrotron
	11:35 WECSPLCO03 Software Tests and Simulations for Control Applications Based on Virtual Time Speaker: Martin Hierholzer - Deutsches Elektronen-Synchrotron MSK Department
	11:50 WECSPLCO04 Development and Current Status of a Carborne Gamma-Ray Survey System, Kurama-II Speaker: Minoru Tanigaki - Kyoto University Research Reactor Institute
	12:05 WECSPLCO05 The IChaos Framework for Control Systems: Recent Progress and Multi-Disciplinary Applications Speaker: Luciano Catani - Istituto Nazionale di Fisica Nucleare Sezione di Roma II Dipartimento di Fisica
	12:20 Official Workshop Photo Session Chair: Ilderia Maira Santos - Centro Nacional de Pesquisa em Energia e Materiais
	12:40 Lunch
WEUIPL Plenary Room	Session 2: User Interface & Tools Chair: Philip Duval - Deutsches Elektronen-Synchrotron
	14:00 WEUIPLIO01 Augmented User Interaction Speaker: Reinhard Bacher - Deutsches Elektronen-Synchrotron
	14:20 WEUIPLCO04 A Cython Interface to EPICS Channel Access for High-level Python Applications Speaker: Jan Chrin - Paul Scherrer Institut
WEISPL Plenary Room	14:35 Interactive Session Chair: Reinhard Bacher - Deutsches Elektronen-Synchrotron
WEPPPL Plenary Room	15:15 Poster in Pills Chair: Reinhard Bacher - Deutsches Elektronen-Synchrotron
	15:30 Coffee Break
	16:00 Poster Session Chair: Lucas Russo
	18:00 Welcome Cocktail
	20:00 Shuttle Bus

Thursday, October 27

07:45 Shuttle Bus	
THKTPL Plenary Room	Keynote Speaker: Javier Serrano - European Organization for Nuclear Research Beams Department (BE) 09:00 THKTPLK01 Open Hardware and Collaboration Chair: James Rezende Piton - Brazilian Synchrotron Light Laboratory
THHWPL Plenary Room	Session 3: Hardware Chair: Daniel de Oliveira Tavares - Brazilian Synchrotron Light Laboratory
	10:00 THHWPLIO01 The PandA Project Speaker: Yves-Marie Abiven - Synchrotron Soleil
	10:20 THHWPLCO02 New Controls Platform for SLAC High-Performance Systems Speaker: Till Straumann - SLAC National Accelerator Laboratory
	10:40 Coffee Break
	11:05 THHWPLCO04 Open Hardware Experience on LNLs' Beam Diagnostics Speaker: Gustavo Barbosa Monteiro Bruno - Brazilian Synchrotron Light Laboratory
THDAPL Plenary Room	Session 4: Data Acquisition & Analysis Chair: Till Straumann - SLAC National Accelerator Laboratory
	11:25 THDAPLCO01 Embedded Control System for Programmable Multi-Purpose Instruments Speaker: Manuel Broseta - ALBA-CELLS Synchrotron
	11:45 THDAPLCO03 Gateway and Software Frameworks for Sirius BPM Electronics Speaker: Lucas Maziero Russo - Brazilian Synchrotron Light Laboratory
	12:05 THDAPLCO06 A Framework for Development and Test of xTCA Modules With FPGA Based Systems for Particle Detectors Speaker: Mario Vaz - Sao Paulo University (UNESP) Nucleo de Computação Eletrônica NCC SPRACE
THPPPL Plenary Room	Poster in Pills 12:25 Chair: Till Straumann - SLAC National Accelerator Laboratory
	12:40 Lunch
	14:00 Poster Session Chair: Gustavo Bruno
	15:30 Shuttle Bus to Brazilian Synchrotron Light Laboratory (LNLS)
	16:00 Visit to the LNLS facilities
	19:00 Pitstop for recovering
	19:40 Shuttle Bus to the restaurant
	20:15 Dinner at Vila Paraíso
	23:00 Shuttle Bus

Friday, October 28	
	07:45 Shuttle Bus
FRKTPL Plenary Room	Keynote Speaker: Mark Heron - Diamond Light Source Ltd 09:00 FRKTPLK01 Future Trends on Control Systems for Large Research Facilities Chair: James Rezende Piton - Brazilian Synchrotron Light Laboratory
FRFMPL Plenary Room	Session 5: Feedback & System Modelling Chair: Daniel de Oliveira Tavares - Brazilian Synchrotron Light Laboratory
	10:00 FRFMPLCO01 Status of the NSLS-II LLRF System Speaker: Carlos Marques - Brookhaven National Laboratory National Synchrotron Light Source II
	10:20 FRFMPLIO03 Overview of Some Feedback & Control Systems at Synchrotron Soleil Speaker: Christer Engblom - Synchrotron Soleil
	10:40 Coffee Break
	FRFMPLCO05 A Fast, Custom FPGA-Based Signal Processor and Its Applications to Intra-Train Beam 11:10 Stabilisation Speaker: Glenn Brian Christian - John Adams Institute
	11:30 FRFMPLCO06 Harmony: A Generic FPGA Based Solution for Flexible Feedback Systems Speaker: Xavier Serra-Gallifa - ALBA-CELLS Synchrotron
FRITPL Plenary Room	Session 6: Management of IT Projects Chair: Yves-Marie Abiven - Synchrotron Soleil
	11:50 FRITPLCO01 Continuous Integration and Continuous Delivery at FRIB Speaker: Martin Gregor Konrad - Facility for Rare Isotope Beams
	12:10 FRITPLCO02 Experience, Best Practices, Trends and Path Taken in the Field of Control System Integration Speaker: Robert Modic - Cosylab, Inc.
	12:30 FRITPLCO04 Experience Gathered During the Commissioning of the Undulator Control System at European XFEL Speaker: Suren Karabekyan - European XFEL GmbH
	12:50 Lunch
FRISPL Plenary Room	14:00 Interactive Session Chair: Matthias R. Clausen - Deutsches Elektronen-Synchrotron
FRCLPL Plenary Room	14:30 Isamu Abe Prize and Closing Session Chair: James Rezende Piton - Brazilian Synchrotron Light Laboratory
	15:00 Farewell Coffee Break
	15:30 Shuttle Bus