

▪ ORAL COMMUNICATION I (23rd November – 09:30)

Oral Communication 1 A (Storage Ring Auditorium)		
09:30	Cristiano Luis Pinto Oliveira	Calculation of Two-Dimensional Scattering Patterns for Oriented Systems
09:45	José Carlos Dutra Filho	Synthesis and structural characterization of new ion-conducting PVA/Clay/ionic liquid nanocomposite membranes
10:00	Nádyá Silveira	Core-shell starch nanoparticles-co-p(NIPAM) hybrid microgels
10:15	Roberto Jrge Candal	Structural Characterization of Sodium Caseinate Aerogels
10:30	Jaime Andres Perez Taborda	New method in the growth of thin films of Ag ₂ Se and structural study through Synchrotron radiation X-ray grazing incidence diffraction with in situ heating
10:45	Paulo Ricardo de Abreu Furtado Garcia	Advanced Modeling and Data Analysis of In-Situ SAXS investigations of silver nanoparticles nucleation

Oral Communication 1 B (LNL Auditorium)		
09:30	Rodolfo Oscar Fuentes	Physicochemical properties of nanostructured Pd/lanthanide-doped ceria spheres with high catalytic activity for CH ₄ combustion
09:45	Francisco Ibañez	Catalytic Nanoparticles and their interaction with H ₂ gas followed by in-situ GISAXS Experiments
10:00	Felix G. Requejo	Stability and reactivity of copper clusters with five atoms
10:15	Milton Andre Tumelero	X-Ray Absorption Study on Native Defects of Cu ₂ O
10:30	Carlos William Galdino	On the Co electronic states of the ludwigite Co ₃ O ₂ BO ₃ - an x-ray absorption spectroscopy study
10:45	Marcos Henrique Feresin Gomes	In Vivo Evaluation of Zinc Foliar Absorption Applied by Sources with Different Solubility in Soybean

▪ ORAL COMMUNICATION II (23rd November – 16:00)

Oral Communication 2 A (Storage Ring Auditorium)		
16:00	Cláudio Márcio Rocha Remédios	Specific procedures for experiments of multiple diffraction at XRD2 beamline (LNLS) applied to micro organic crystals
16:15	Ulisses Kaneko	Crystal Structures of BaFe ₂ As ₂ and Sr(Fe _{0.08} Co _{0.20}) ₂ As ₂ under Magnetic Field
16:30	Martín Eduardo Saleta	Local structure on BaFe ₂ As ₂ : formation of nanotwins studied by atomic pair distribution function
16:45	Kevin Raduenz Pakuszewski	Studying the 4f electrons in the Kondo lattice antiferromagnet Ce ₂ RhIn ₈
17:00	Kousik Samanta	Pressure-induced Phase Transition and Phonon Anomalies in Sr ₂ IrO ₄

Oral Communication 2 B (LNLS Auditorium)		
16:00	Cristián Huck Iriart	Isolation and characterization of nitrososulphide species (SNO–/SNOH) stabilized by coordination to iridium (III)
16:15	Daniel Weibel	An alternative paradigm for EUVL resists: hybrid n-CARs- design principles and photodynamics
16:30	Jose Ignacio Robledo	Compact XRF spectrometer for CARNAUBA beamline at SIRIUS
16:45	Luis Henrique de Lima	The Surface Atomic Structure of Black Phosphorus Studied by Photoelectron Diffraction
17:00	Daison Manuel Yancy Caballero	Analysis of sugarcane bagasse particles by X-ray microtomography