- POSTER SESSION 2 – (24th November 2017 – 10:30)

Poster Session 2		
	PRESENTER	RESEARCH TITLE
10:30 - 12:00	Héctor Jorge Sánchez	Analysis of Titanium Oxidation States in Li-ion battery electrodes through TR-RIXS combined with PCA
	Leandro Andrini	Cluster models Cu20 obtained by FSA and DFT strategies and XANES simulated spectrum by FDMNES
	Arnaldo da Costa Faro Junior	Mixed NiMo, NiW and NiMoW Sulfides Obtained from LDHs
	Diógenes Ferreira de Almeida	Copper-Dopped Zinc Oxide Nanoparticles Synthesis by a Fast Polymer Precursor Based Method
	Iago William Zapelini	Properties of hybrid sílicas synthesized using different cationic surfactants with cyclic head
	Igor Charaba Cancellieri	Polymeric precursor based fast-synthesis of lanthanum-dopped bismuth ferrite nanoparticles
	Laura Lorena da Silva	Micelles and hybrid silicas formation with tripropylammonium surfactants and different hydrophobic tails
	Leonardo Abreu Garcia	Cobalt-dopped Zinc Oxide Nanoparticles Synthesis by a Fast Polymer Precursor Based Method
	Luz Amparo Palacio Santos	CoAl-terephthalate hydrotalcite materials with high aluminum contents
	Sibele Pergher	Study of the zeolitic precursor (P)MCM-22: nucleation and growth
	Yolice Patricia Moreno Ruiz	Changes in the Structural Characteristics of Titania Photocatalysts Probed by Multivariate Analysis Applied to SAXS Profiles and FT-IR Spectra
	Vitor Vieira Rielli	Effects of B4C Addition on Microstructure and Mechanical Properties of a Beta Titanium Alloy
	Arthur Sant'Ana Cavichini	Magnetic and structural behavior of Ca2MnReO6 under pressure

David Vieira Sampaio	Optical and structural properties of PbO-SiO2:Eu glass
Fernanda Antunes Fabian	*In-situ* x-ray absorption and diffraction studies of formation and phase transition of (Y,RT)$CrO_{3,4}$ compounds
Francimario dos Passos Silva	Qualitative Structure and Strain Determination of CeO2 Nanoparticles Using Atomic Pair Distribuiton Function Analysis
Nilson dos Santos Ferreira	A study of M-type MFe12O19 (M=Ba and Sr) nanoparticles by X-ray diffraction and atomic pair distribution function
Rodolfo Foster Klein-Gunnewiek	Polymeric based fast synthesis of copper oxide nanoparticles
Rodolfo Tartaglia Souza	Magnetic Structures and Transitions of RNiSi3 (R = Gd-Ho)
Jorge E. Thomas	In-situ electrochemical cell for lithium ion batteries and X-ray absorption studies.
Andre Luiz Fahl	Study of structural properties of Heavy Fermion compound YbFe2Zn20 doped with Cd
Nilton Francelosi Azevedo Neto	Structural and Vibrational Properties of Co3O4 Films Deposited by Reactive DC Magnetron Sputtering
Anderson Bordin	Development of a multipurpose biaxial tensile device for *in situ* structural characterization using synchrotron light
Diego Fernando Coral	Magnetic Field Induces Nanoparticles Structuring. A SAXS Application: Instrumental Development at LNLS and Data Analysis
Hernán Svoboda	THERMO-MECHANICAL STABILITY OF AUSTENITE IN POST WELD HEAT TREATED SUPERMARTENSITIC STAINLESS STEEL WELD METAL
Luis Gallego Martinez	Study of hydration of sulphoaluminate cement by in situ synchrotron diffraction
Joaquin Grassi	Synthesis and structural characterization using synchrotron X-ray Powder Diffraction (S-XRD) of NdBa2Cu3O6+δ with energy applications.
Natã Pereira de Almeida	Bismuth ferrite crystallization from a V2O5 – Bi2O3 – Fe2O3 glass matrix

Ísis Frigeri Manali	Energy transfer mechanism of titanium to rare earth ions in Y_2O_3
Eduardo Heredia	Born Again vs. IsGisaxs: Application of these popular softwares in the characterization of nanopores embedded in ZnO films
Herrera Facundo Carlos	XAFS Study of Inorganically Coated Colloidal Quantum Dots
John Jairo Hoyos Quintero	In situ synchrotron radiation evaluation of hydrogen embrittlement in stainless steels and of severe plastic deformation at cryogenic temperatures in metals
Júlia Sborz	Structure of CoO thin films under mechanical stress
Maristela Olzon Monteiro D. de Souza	Study of the profile of layer formed in plasma nitrided austenitic stainless steel
Martín Mizrahi	Synthesis and characterization of ligand-free Ni nanoclusters
Anderson Herbert de Abreu Gomes	Upgrade and commissioning of the *liquid-XPS* endstation of the PGM beamline
Carlos Sato Baraldi Dias	Coherent Diffraction Imaging at PGM beamline
Gustavo de Medeiros Azevedo	Formation and solidification of GeSi nanodroplets investigated with dispersive XAS
Liana Key Okada Nakamura	Morphological, structural and optical properties investigation of the Cr-doped $LiAl_5O_8$ using synchrotron light
Rodrigo Szostak	Organic inorganic perovskites for solar cells
Rafael Bernini	Stability of the disulfide chemical bond following excitation around the S 1s edge
Santiago José Alejandro Figueroa	*Operando* characterization of AuNi and NiCu supported on CMK-3 for the catalytic conversion of CH4 in hydrogen using XAFS
	Development of a high pressure gas cell for characterization of nanomaterials with applications in hydrogen storage using XRD and XAFS