

Saturday, September 14th

	Room 1B (Main Floor)	Room 1A (2nd Floor)	Room 2A (4th Floor)
15:20 – 15:30	Design and development of novel copper-based drugs for the treatment of human osteosarcoma Ignácio E. Leon (UNLP-Arg)	Er ³⁺ /Yb ³⁺ doped calcium germanate for solid-state lighting and high-sensitivity thermal sensor applications Vítor dos Santos de Souza (USP-RP)	Obtaining zeolites synthesized from industrial waste for application in methylene blue adsorption Débora de Souza Pinheiro (UFSJ)
15:30 – 15:40	Indium(III) complexes with Schiff base-derived ligands: chemotherapeutic, radiochemotherapeutic, and radiosensitizer effects against breast tumors Andrea R. Aguirre (UFMG)	Multielectron transfer and field-induced slow magnetic relaxation in spin crossover cobalt(II) complexes: structure-function correlations Renato Rabelo (UFG)	Resistant, stable HKUST@MC composite for highly-efficient gas adsorptive desulfurization Flávia H. Silva (UFJF)
15:40 – 15:50	Theoretical approach to design new effective chelators for iron-containing enzymes Vasilii Khripun (USP)	Carbon dots/CdTe-based composite for application in white light converter layers in LEDs Orlando L. L. Calado (UFAL)	Fish scale biomembrane with surface modified by PSU and ZIF-8 for effluent treatment Júlia Fernanda da Costa Araújo (UFPE)
15:50 – 16:00	A decavanadate containing copper(II) cyclen-complexes: synthesis, theoretical calculations and methylene blue adsorption studies Lucas Gian Fachin (UFPR)	Operando UV-Vis and Raman Spectroscopy Studies of Water Oxidation Catalysis by Nickel Hydroxide and Silk Fibroin Eduardo do Nascimento (UFABC)	Indirect "through-space" ¹³ C- ³¹ P coupling in isostructural nickel, palladium, and platinum complexes: spin transmission mediated by sulfur atoms Victor M. Miranda (USP-SC)