

Program of XD107 seminar in the Spring Semester 2020

Thursday August 20, 2020 A11-132

Time			
	8:00 - 8:45	Registration	Sign attendance sheet in A11/132 room. Pin up posters in the Hallway between A14 and A11, 2nd floor
	8:45 - 9:00	Opening	A11-132
Number	Lectures		A11-132
1	9:00	Michaela Hložková	Inductively coupled plasma mass spectrometry in the analysis of natural materials with a focus on geological and archaeological samples
2	9:30	Martina Komendová	Monolithic stationary phases in analysis of neurotransmitters
3	10:00	Jan Sokolov	Chiral Bambusurils
4	10:30	František Zelenka	Study of thermodynamic behavior and thermal stability of advanced thermoelectric materials
11:00 - 11:30 Break			
5	11:30	Vojtěch Kunderát	Preparation of inorganic materials via electrospinning – a basic approach for novel materials
6	12:00	Veronika Dillingerova	Chemometric methods in plasma spectrometry
7	12:30	Filip Smrčka	Fluorosensors based on Eu(III) ternary complex of DO3A ligand
8	13:00	Hugo Semrád	Quantum Chemical Analysis of Isomerization Mechanisms within Acetylene Bromoboration
13:30 - 14:30 Break			
	14:30 - 15:30	Posters	Hallway between A14 and A11, 2nd floor. All poster authors present at their posters. Vote for the best lecture and poster by 15:30 in A11-132
	16:00	Best Lecture Award, Best Poster Award, Conclusion	A11-132

	Posters	Hallway between A14 and A11, 2nd floor
1	Ben Joseph R. Cuyacot	DFT CALCULATIONS ON NMR CHEMICAL SHIFTS FOR PLATINUM BASED METALDRUGS
2	Marina Russo	Mechanisms of Orthogonal Photodecarbonylation Reactions of 3-Hydroxyflavone-Based Acid-Base Forms
3	Dominik Madea	Structural Modifications of Nile Red Carbon Monoxide Fluorescent Probe: Sensing Mechanism and Applications
4	Jan Sokolov	Functionalized Chiral Bambusurils: Synthesis and Host-Guest Interactions with Chiral Carboxylates
5	Qiuyun Yang	Photochemistry of Coumarin-Based PhotoCORMs
6	Petra Jarošová	BENZO[C]PHENANTHRIDINE ALKALOIDS AND THEIR INTERACTION TO NON-CANONICAL DNA STRUCTURES
7	Esmail Farajpour Bonab	A Novel Prospective of Molecular Electronics: Electric Field-Controlled Switch, Diode, and Spin-Filter