

Program of XD107 seminar in the Fall Semester 2020
Thursday February 18, 2021 online

	Time		
	8:45 - 9:00	Opening	MS Teams
Number		Lectures	MS Teams
1	9:00	Huang Fei	Mass spectrometry of chalcogenide glasses
2	9:30	Govinda Mandal	Black phosphorus enriched matrix-assisted laser desorption ionization (MALDI) matrices for increased sensitivity of mass spectrometric detection of biomolecules: Spectrophotometric, fluorimetric, and mass spectrometric study
3	10:00	Jana Juráková VUT	Synthesis and Molecular Magnetism in Cobalt(II) Complexes with Tridentate N-Donor Ligands
4	10:30	Petra Jarošová	Quaternary protoberberine alkaloids and their interaction to DNA
	11:00 - 11:30	Break	
5	11:30	Ben Joseph R. Cuyacot	Linking Spin-Orbit NMR Shielding at the Light Atom with Magnetically Induced Currents on Heavy-Atom-Light-Atom Bond
6	12:00	Júlia Lačná	Capillary electrophoresis with laser induced fluorescence as a useful tool for biomarker analysis
7	12:30	Esmail Farajpour Bonab	Fullerene-Based Switching Molecular Diodes Controlled by Oriented External Electric Fields
	13:00 - 13:30	Break	
	13:30 - 15:00	Posters	MS Teams - Flash presentations + Questions
	15:00	Best Lecture Award, Best Poster Award, Conclusion	Vote for the best lecture and the best poster in the e-vote application in the IS MUNI
		Posters	
1		Marina Russo	Uncovering of the Structure and Reactivity Correlation of CO-photoreactions of 3-Hydroxyflavone-Based Acid-Base forms
2		Lukáš Pečinka	STUDY OF TUSC3 GENE CHANGES IN OVARIAN CANCER CELLS USING MASS SPECTROMETRY COUPLED WITH BIostatistical METHODS
3		Susrisweta Behera	Making good's buffers good for freezing: The acidity changes and their elimination via mixing with sodium phosphate
4		Marek Stiborek	NANOPARTICLES IMAGING FROM BIOLOGICAL SAMPLES BY IR LA SP ICP MS TECHNIQUE
5		Martin Kejík	A Unified Synthetic Approach to Porous Hybrid Single-Site Metallosilicates