

Program of XD107 seminar in the Fall Semester 2024			
Thursday January 30, 2025 B11-132			
Time			
	8:00 - 8:45	Registration	Sign attendance sheet in B11/132 room. Pin up posters in the Hallway between C14 and B11, 2nd floor
	8:45 - 9:00	Opening	B11-132
Number		Lectures	B11-132
1	9:00	Xiaochun Li	Research and development of elimination voltammetry
2	9:30	Denisa Smolková	Highly sensitive analysis of glycoproteins by new labels for capillary electrophoresis coupled with fluorescence detection and/or mass spectrometry
3	10:00	Dávid Mikšík	The ternary Co-Se-Sn system
4	10:30	Vladimír Jonas	Surface enhanced Raman spectroscopy for analysis of biologically important substances
	11:00 - 11:30	BREAK	
	11:30 - 12:30	Posters	Hallway between C14 and B11, 2nd floor. All poster authors are present at their posters. Vote for the best poster by 12:30 in B11-132
	12:45-13:00	Best Lecture Award, Best Poster Award, Conclusion	B11-132
		Posters	Hallway between C14 and B11, 2nd floor
1		Tomáš Pokorný	MOLYBDENUM-DOPED SILICA NANOFIBERS: SYNTHESIS, CHARACTERIZATION, AND APPLICATION IN OLEFIN METATHESIS
2		Erik Kalla	Quantum Chemical Studies of Diels-Alder Reactions in Organic Synthesis of Forskolin Derivatives
3		Lucie Leonová	TIN SILICATES PREPARED BY NON-HYDROLYTIC SOL-GEL AND THEIR POST-SYNTHETIC MODIFICATION
4		Ottavio Bedocchi	Synthesis and Study of C1-Chain Substituted Cyanine Dyes
5		Ivo Kreml	PLASMA SPECTROSCOPY IN LASER ABLATION SYNTHESIS OF NANOPARTICLES
6		Milan Říha	N-Heterocyclic Carbene-Gold(I) aquation process; ab initio, DFT and QM/MM molecular dynamics study
7		Hana Brožková	ABSOLUTE QUANTIFICATION OF NANOPARTICLES AND NANOPLASTICS FOR THEIR CHEMICAL CHARACTERIZATION
8		Michal Mlynek	Exploring Non-Hydrolytic Synthesis Strategies for Porous Boroaluminates
9		Dávid Mikšík	Investigation of Se-Sn-Ti and selenium-based binary systems
10		Jan Badin	Electrophoretic Separation of DNA Fragments in Deuterated Water
11		Pavlna Dadajová	Characterization of fluorescent proteins extracted from spirulina using capillary isoelectric focusing with laser-induced fluorescence detection