

	Program of XD107 seminar in the Spring Semester 2025		
	Thursday June 5, 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
	9:00	Ceny ředitelů Ústavu chemie	Award ceremony - Awards for the best students by the Head of the Department of Chemistry
	9:10	Info on Ph.D. program	Information for students and supervisors on the new Higher Education Act
1	9:30	Ottavio Bedocchi	Synthesis of novel Cyanine Dyes
2	10:00	Erik Kalla	Quantum Chemical Studies of Diels-Alder Reactions in Organic Synthesis of Forskolin Derivatives
	10:30 - 10:45	BREAK	
3	10:45	Pavel Hannig	Interaction of Plant Alkaloids with G-Quadruplexes
4	11:15	Vilém Svojanovský	Digital Immunoassay For Biomarker Detection Based on Single-particle Laser Ablation ICP MS
5	11:45	Tomáš Pokorný	Non-oxidative ethanol dehydrogenation to acetaldehyde over Cu nanoparticles deposited on porous SiO ₂
6	12:15	Jan Dobeš	ICP-(Q)MS: COST-EFFECTIVE TOOL FOR LEAD ISOTOPIC ANALYSIS, METHOD DEVELOPMENT & OPTIMIZATION
	12:45	LUNCH	
	14:00 - 15:00	Posters	Hallway between C14 and B11, 2nd floor. All poster authors are present at their posters. Vote for the best poster by 15:00 in B11-132
	15:15	Best Lecture Award, Best Poster Award, Conclusion	B11-132
		Posters	Hallway between C14 and B11, 2nd floor
1		Jaroslav Drgoňa	Oxygen impact on stability and magnetism of Mn-based eta phases: Quantum-mechanical analysis
2		Markéta Vejvodová	Cellular Uptake and Distribution of Nickel Ions: When Strength Becomes a Weakness in Joint Replacements
3		Ottavio Bedocchi	Synthesis and Study of C1-Chain Substituted Cyanine Dyes
4		Radim Štůsek	On the two vitrified MgCl ₂ freeze-concentrated solutions and their distinct fragilities in one sample
5		Nasrulla Majid Khan	Phototruncation of Heptamethine Cyanines
6		Lucie Leonová	ETHANOL DEHYDRATION WITH AEROSOL-MADE MESOPOROUS ALUMINOSILICATES FEATURING DISPERSED ACTIVE SITES
7		Jan Dobeš	LA-ICP-MS AGE-IMAGING OF GEOLOGICAL SAMPLES: POSSIBILITIES OF QUADRUPOLE AND SECTOR FIELD ICP-MS