

Program of XD107 seminar in the Spring Semester 2018
Thursday June 14, 2018 A11-305

	Time		
	7:30 - 8:15	Registration	Sign attendance sheet in A11/132. Pin up posters in Hallway between A14 and A11, 2nd floor
	8:15 - 8:30	Opening	A11-305
Number		Lectures	A11-305
Guest	8:30	Prof. Dr. Néstor Vincente Torres Darias, Fac. of Science, Univ. La Laguna, Tenerife, Spain	What, how and for what to teach science in the XXI century?
1	9:00	Mayuri Ausekar	Generation of Clusters with Laser Desorption Ionization (LDI) and Matrix Assisted or LDI with Quadrupole Ion Trap Time-of-Flight Mass Spectrometric characterization of Inorganic Materials
2	9:30	Jakub Urík	Optimisation, calibration and field testing of passive sampling devices for monitoring of polar organic compounds
3	10:00	Tereza Warchilová	Laser ablation inductively coupled plasma MS as a tool for elemental mapping
4	10:30	Pankaj Lochan Bora	Paramagnetic NMR and EPR parameters of Iridium complexes with pincer PNP ligands: Effects of Structure and Relativity
	11:00 - 11:15	Break	
Guest	11:15	Prof. Dr. Juan Pedro Perez Trujillo, Fac. of Science, Univ. La Laguna, Tenerife, Spain	Study and characterization of Canary wines with Denomination of Origin
5	11:45	Markéta Kandrnálová	Pseudorotaxanes based on bambus[6]uril
6	12:15	Gabriela Ondrušková	Spectroscopic studies of impurities on ice
7	12:45	Petra Babková	Structure-function relationships of ancestral haloalkane dehalogenases
	13:15 - 14:15	Break	
	14:15 - 16:30	Posters	Hallway between A14 and A11, 2nd floor All poster authors present at their posters. Vote for the best poster 14:00-14:30
	16:45	Best Lecture Award, Best Poster Award, Conclusion	A11-305

	Posters	Hallway between A14 and A11, 2nd floor
1	Marek Šudoma	The fate and bioavailability of currently used and emerging pesticides in agriculturally used fluvisols - effects of soil and pesticide properties
2	Govinda Mandal	Use of red and black phosphorus as matrix in MALDI TOF Mass spectrometry
3	Huang Fei	Laser desorption ion (LDI) quadrupole ion trap mass spectrometry of Sb _m Sen clusters generated from laser ablation synthesis of antimony and selenium mixtures
4	Jaromír Sobotka	Dynamic passive sampling of POPs in surface seawater along a South Atlantic Ocean east-to-west transect
5	Simona Jílková	Small-scale spatial variability of flame retardants in indoor dust and implications for dust sampling
6	Hana Tomančíková	Preparation and modification of nanolayered polymer materials for preservation and restoration
7	Vojtěch Kunderát	Preparation of Uranium Oxide Nanofibers via Electrospinning
8	Barbora Nežiková	BULK ATMOSPHERIC DEPOSITION OF PERSISTENT ORGANIC POLLUTANTS AND PAHS IN CENTRAL EUROPE
9	Martina Komendová	Development of a multichannel separation device with an electrochemical detection for possible application in diagnostics of dopamine metabolism-related diseases
10	Martina Brázdová	Degradation of wax protective layers on copper samples
11	Svatava Polsterová	AB INITIO STUDY OF SURFACE OF NANOPARTICLES AG AND NI
12	Dušan Majtás	Corrosion Products Phase Identification Using micro-Raman and FTIR
13	Eva Pospíšilová	Laser-Induced Breakdown Spectroscopy in the study of degraded glass mosaics
14	Pankaj Lochan Bora	Ligand NMR Shielding in Transition-Metal Complexes: NMR Contributions from Spin-Orbit Coupling
15	Romana Michalicová	Thermodynamics, kinetics and mechanism for Palladium(II) oxalate complex formation
16	Alena Otoupalíková	Calibration of estrogen uptake by circulating flow system with Empore disks