

PLENARY LECTURES – HALL AULA MAGNA

MONDAY	<i>Chairman: Austin Barnes</i>	
9.45–10.30	M. Bonn, L. Piatkowski, H.J. Bakker, C.S. Hsieh, Z. Zhang STRUCTURE AND ULTRAFAST DYNAMICS OF WATER INTERFACES	PL-1
TUESDAY	<i>Chairman: Sylvia Turrell</i>	
9.00–9.45	J. Popp RAMAN SPECTROSCOPY: FUTURE TRENDS AND CHALLENGES IN BIOPHOTONICS	PL-2
9.45–10.30	C. Adamo THEORETICAL PREDICTION OF OPTICAL PROPERTIES: A PRAGMATIC APPROACH BASED ON DFT	PL-3
WEDNESDAY	<i>Chairman: Juana Bellanato</i>	
9.00–9.45	H.H. Mantsch APPLICATIONS OF SPECTROSCOPY IN SECURITY	PL-4
9.45–10.30	H. Hamaguchi NEW POSSIBILITIES OF VIBRATIONAL SPECTROSCOPY WITH HYPER-RAMAN SCATTERING	PL-5
THURSDAY	<i>Chairman: Tony Ford</i>	
9.00–9.45	D.R.T. Zahn SPECTROSCOPY OF MOLECULAR THIN FILMS FOR SPINTRONIC APPLICATIONS	PL-6
9.45–10.30	S. Simon NANOSTRUCTURATED BIOMATERIALS / BIOFLUIDS INTERFACE PROCESSES STUDIED BY MULTI-MICROSCOPIES AND -SPECTROSCOPIES	PL-7
FRIDAY	<i>Chairman: Henry Mantsch</i>	
9.00–9.45	M. Ehara RECENT DEVELOPMENTS AND APPLICATIONS OF SAC-CI AND MOLECULAR DOUBLE CORE-HOLE SPECTROSCOPY	PL-8

INVITED LECTURES – HALL AULA MAGNA

MONDAY	<i>Chairman: Ionel Haiduc</i>	
11.00–11.30	J.R. Durig CONFORMATIONAL STABILITY DETERMINATIONS FROM VARIABLE TEMPERATURE INFRARED SPECTRA OF XENON SOLUTIONS	I-01
11.30–12.00	J.P. Maier ELECTRONIC SPECTRA OF CARBON CHAINS AND RINGS OF ASTROPHYSICAL RELEVANCE	I-02
12.00–12.30	H.P. Trommsdorff, M.R. Johnson, S.J. Ford, I.R. Evans, I. Frantsurov, A.J. Horsewill, S. Gavinkowski, J. Waluk SPECTROSCOPIC AND STRUCTURAL CHARACTERIZATION OF PROTON SHIFTS IN STRONG HYDROGEN BONDS	I-03
12.30–13.00	R.J. Dwayne Miller MAKING THE MOLECULAR MOVIE: FIRST FRAMES ... NOW WITH REGAE MUSIK	I-04
TUESDAY	<i>Chairman: Sevim Akyuz</i>	
11.00–11.30	J.L. Alonso WATCHING CONFORMATIONS OF BIOMOLECULES: INSIGHTS FROM ROTATIONAL SPECTROSCOPY	I-05
11.30–12.00	B. Lendl, C. Koch, M. Brandstetter NEW APPROACHES FOR CHEMICAL SENSING BASED ON VIBRATIONAL SPECTROSCOPY	I-06
12.00–12.30	A. Loewenschuss MATRIX FTIR STUDIES OF H-BONDED SYSTEMS - STRONG, WEAK AND SURPRISING	I-07
12.30–13.00	F.C. Pascut, A. Ghita, H.T. Goh, V. Sottile, C. Denning, I. Notingher LABEL-FREE MOLECULAR CHARACTERISATION OF LIVE CELLS AND BIOLOGICAL NANOMATERIALS BY RAMAN- MICRO-SPECTROSCOPY	I-08
FRIDAY	<i>Chairman: Henry Mantsch</i>	
9.45–10.15	D. Anglos LASER TOOLS IN ARCHAEOLOGICAL AND CONSERVATION SCIENCE	I-09
10.15–10.45	M.I. Oshtrakh, M.V. Ushakov, V.A. Semionkin, V. Šepelák, A.F.R. Rodriguez, P.C. Morais STUDY OF MAGNETITE AND MAGHEMITE NANOPARTICLES USING MÖSSBAUER SPECTROSCOPY WITH A HIGH VELOCITY RESOLUTION	I-10
	<i>Chairman: Henryk Ratajczak</i>	
11.15–11.45	R. Silaghi-Dumitrescu SHEDDING BLOOD OVER MAGNETS: SOME APPLICATIONS ON UNUSUAL VALENCE STATES IN BIOLOGICAL METAL CENTERS	I-11
11.45–12.15	M. Schmitt EXPLORING AND SHAPING THE CHARACTER OF ELECTRONICALLY EXCITED STATES	I-12

