

Time		Title	Authors	Presented by
SUNDAY				
		WORKSHOP		
9.00-13.00		VARIAN (AGILENT) FTIR Chemical Imaging		Mustafa Kansiz
13.00-15.00		Lunch		
15.00-19.00		HORIBA Jobin Yvon Confocal Raman Spectroscopy		Jeremy Brites
16.00-20.00		Registration		
19.00-20.00		Dinner		
20.00-22.00		Get-together Party		
MONDAY				
8.30-9.00		Opening		
		Session 1 Chair Peter Wilhelm		
9.00-9.40	I1	Spectroscopic and mechanical investigations of carbon nanotube-reinforced elastomers	L. Bokobza	Liliane Bokobza
9.40-10.00	O1	Rheo-optical vibrational spectroscopy of polymers	H. W. Siesler	Heinz W. Siesler
10.00-10.20	O2	Influence of aromatic permeates on polymer pipes studied by dynamic mechanical analysis	M. Buder-Stroisznigg, C.J. Bodor, M.M. Mach, G. Pinter, G. Zehethofer	Michael Buder-Stroisznigg
10.20-10.40	O3	Partial deuteration probing structural changes in supercontracted spider silk	P. Papadopoulos, E. Ene, F. Kremen	Periklis Papadopoulos
10.40-11.10		Coffee Break		
		Session 2 Chair Heinz W. Siesler		
11.10-11.50	I2	Real time monitoring of morphologic properties of polymer nanocomposites during extrusion by NIR and ultrasonic spectroscopy	D. Fischer	Dieter Fischer
11.50-12.10	O4	In-line monitoring of UV curing processes by NIR reflection spectroscopy	T. Scherzer, G. Mirschel, K. Heymann	Tom Scherzer
12.10-12.30	O5	Hydrogen-Bonding Interactions and Crystallization Behavior of Biodegradable Polymer Blends of Poly(3-hydroxybutyrate) and Poly(4-vinylphenol)	L. Guo, H. Sato, T. Hashimoto, Y. Ozaki	Yukihiko Ozaki
12.30-12.50	O6	Crystal structures and C-H...O=C hydrogen bonding of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) studied by infrared spectroscopy and X-ray diffraction	H. Sato, T. Hashimoto, Y. Ozaki	Harumi Sato
13.00-15.00		Lunch		

		Session 3 Chair Srećko Valić		
15.00-15.40	I3	NMR investigations of phase transition in aqueous polymer solutions	J. Spěváček	Jiří Spěváček
15.40-16.00	O7	Study of polymer translational dynamics by NMR modulated gradient spin echo method	J. Stepišnik, A. Mohorič, G. Lahajnar	Janez Stepišnik
16.00-16.20	O8	Application of melt-state NMR spectroscopy for polyolefin characterisation in industry	G. Hubner, I. Fonseca, M. Parkinson	Matt Parkinson
16.20-16.40	O9	Supramolecular structure characterization of regenerated cellulose materials by means of ^{13}C CP-MAS NMR and water sorption	N. Terinte, G. Zuckerstatter, K. C. Schuster	Nicoleta Terinte
16.40-17.10		Coffee Break		
		Session 4 Chair Janez Stepišnik		
17.10-17.50	I4	Spin probe ESR and deuterium probe NMR method in studying some polymer systems	S. Valić	Srećko Valić
17.50-18.10	O10	ESR study of the spin probe dynamics in relation to the free volume from PALS in a series of glass-forming polymer systems	H. Švajdlenkova, O. Šauša, G. Dlubek, J. Krištiak, J. Bartoš	Helena Švajdlenkova
18.10-18.30	O11	Gamma irradiation of poly(ethylene oxide) and nano-silica in aqueous solution	T. Jurkin, I. Pucić	Irina Pucić
18.30-18.50	O12	Synthesis of polyaniline HCl pellets and films nanocomposites by radiation polymerization	M. A. AliOmer, E. Saion, M. E. M. Jaralnabi, E. A. Abdalla, Kh. Mohd. Dahlan	Mohammed A. AliOmer
19.00-20.00		Dinner		
20.00-22.00		Poster Buffet		
TUESDAY				
		Session 5 Chair Yukihiro Ozaki		
9.00-9.40	I5	Hydration Structure of a Nafion Ionomer Studied by Infrared and Raman Spectroscopy	S. Morita	Shigeaki Morita
9.40-10.00	O13	Analysis of multi-component polymer blends with the confocal Raman AFM	U. Schmidt, T. Dieing, W. Ibach, O. Hollricher	Ute Schmidt
10.00-10.20	O14	Application of low-frequency Raman spectroscopy for study of ultra-high molecular weight polyethylene structure	P. Pakhomov, S. Khizhnyak, A. Tshmel	Pavel Pakhomov
10.20-10.40	O15	Polarized Raman study of random copolymers of propylene with olefins	D. E. Gen, K. A. Prokhorov, G. Yu. Nikolaeva, E. A. Sagitova, P. P. Pashinin, A.A. Kovalchuk, A. N. Klyamkina, P. M. Nedorezova, V. A. Optov, B. F. Shklyaruk	Goulnara Yu. Nikolaeva
10.40-11.10		Coffee Break		
		Session 6 Chair Liliane Bokobza		
11.10-11.50	I6	High-resolution tip-enhanced Raman mapping	G. G. Hoffmann	Günter G. Hoffmann

11.50-12.10	O16	High resolution tip enhanced Raman mapping on polymer thin films	L. Xue, W. Li, G. G. Hoffmann, J. G. P. Goossens, G. de With, J. Loos	Lijing Xue
12.10-12.30	O17	Raman scattering studies of superionic Cu ₆ PS ₅ X (X=I, Br) nanocrystals in polymeric matrixes	M. Kranjčec, I. Studenyak, S. Kokenyesi	Mladen Kranjčec
12.30-12.50	O18	Structure diagnostics of polyolefin composites by laser Raman spectroscopy	K. Prokhorov, E. Sagitova, P. Donfack, K. Vodopianov, G. Nikolaeva, P. Pashinin, V. Gerasin, M. Guseva, A. Materny, E. Antipov	Kirill Prokhorov
12.50-13.10	O19	FTIR spectroscopy and specific interactions in binary and ternary blends based on poly(styrene-co-4-vinylpyridine), poly(styrene-co-itaconic acid) and an organically modified bentonite	A.Abiza, K. EIMiloudi, S. Djadoun	Khaled EIMiloudi
13.10-15.00		Lunch		
		Session 7 Chair Silvia Tomić		
15.00-15.40	I7	Throw a hyperspectral glance through your samples - but approach the results with caution	B. Chernev	Boril Chernev
15.40-16.00	O20	Nanoscale chemical spectroscopy with the atomic force microscope	J. Schluetter, C. B. Prater, D. Cook, R. Shetty, K. Kjoller	Juergen Schluetter
16.00-16.20	O21	2DCOS analysis of variable-temperature FT-IR spectra of annealed and non-annealed poly(3-hydroxybutyrate)	M. Unger, S. Morita, H. Sato, Y. Ozaki, H. W. Siesler	Miriam Unger
16.20-16.40	O22	Fluorinated amides: FTIR, two dimensional correlation spectroscopy and QM modeling studies	S. Radice, A. Milani, C. Castiglioni	Stefano Radice
16.40-17.10		Coffee Break		
		Session 8 Chair Klaus-Jochen Eichorn		
17.10-17.50	I8	Single-molecule spectroscopy of organic dendrimers	D. Aumiler	Damir Aumiler
17.50-18.10	O23	ATR-FTIR spectroscopic imaging with variable angles of incidence: a three-dimensional profiling of polymeric materials	S. G. Kazarian, K. L. A. Chan, T. Frosh	Sergei G. Kazarian
18.10-18.30	O24	Polymer nanofluidics by broadband dielectric spectroscopy	A. Serghei, T. P. Russell	Anatoli Serghei
18.30-18.50	O25	Fourier transform infrared spectroscopy (FT-IR) and 2D IR correlation spectroscopy of PAMAM dendrimer	M. C. Popescu, C. Vasile	M. C. Popescu
20.00-22.00		Congress Dinner		
WEDNESDAY				
		Session 9 Chair Lahorija Bistričić		
9.00-9.40	I9	Structure and dynamics of some biopolymers in solution	S. Tomić	Silvia Tomić
9.40-10.00	O26	Application of FTIR spectroscopy for studying the responses of rhizobacteria to environmental factors: probing the state of intracellular biopolymers	A.A. Kamnev, A.V. Tugarova	Anna V. Tugarova

10.00-10.40	I10	Molecular motions in multiphase polymer systems as studied by dynamic mechanical analysis	E. Govorčin Bajsić	Emi Govorčin Bajsić
10.40-11.10		Coffee Break		
		Session 10 Chair Sergei G. Kazarian		
11.10-11.50	I11	In-situ IR ellipsometry for characterization of thin polymer films at solid/liquid interfaces	K. Hinrichs	Karsten Hinrichs
11.50-12.10	O27	ATR-FTIR and AFM studies on the orientation of α -helical poly (L-lysine)/polyanion complexes on unidirectionally texturised substrates	M. Muller, W. Ouyand, T. F. Keller, K. D. Jandt	Martin Müller
12.10-12.30	O28	Confinement effects on the glass transition temperature of thin polymer films studied by spectroscopic <i>vis</i> -ellipsometry	M. Erber, K.-J. Eichhorn, B. Voit	Michael Erber
12.30-12.50	O29	Dielectric response and thermal properties of epoxy resin – TiO ₂ composites	A. Kanapitsas, C. Tsonos, H. Zois, G. C. Psarras	Athanasios Kanapitsas
12.50-13.00		Closing Session		
13.00-15.00		Lunch		
15.30-18.00		Trip to Zadar		