

MONDAY 09.09.2013		TUESDAY 10.09.2013		WEDNESDAY 11.09.2013		THURSDAY 12.09.2013		FRIDAY 13.09.2013	
9:00-9:30	Registration								
<i>Opening of the Seminar</i>									
9:30-10:00	B. Jasińska	Session V <i>Liquids</i>		Session VII <i>Theory</i>		Session IX <i>Porous media</i>		Session XII <i>Mössbauer and related</i>	
Session I <i>In memoriam</i>		9:00-9:30	S.V. Stepanov	9:00-9:40	G. Kontrym-Sznajd	9:00-9:40	T. Goworek	9:40-10:00	S.V. Stepanov
10:00-10:20	O. Šauša	9:30-10:00	P. Stepanov	9:40-10:00	G. Kontrym-Sznajd	9:40-10:10	D. Račko	10:00-10:20	T.M.Tkachenka
10:20-10:40	J. Chojcan			10:00-10:30	S. Ishibashi	10:10-10:40	B. Jasińska	10:20-10:40	Z. Surowiec
10:40-11:00	T. Goworek			10:30-11:00	S. Lewicka	10:40-11:10	M. Gorgol	10:40-11:00	E. Jartych
11:00-11:30	<i>coffee break</i>	10:00-10:30	<i>coffee break</i>	11:00-11:30	<i>coffee break</i>	11:10-11:40	<i>coffee break</i>	11:00-11:30	<i>coffee break</i>
Session II <i>Fundamentals</i>		Session VI <i>Metals</i>		Session VIII <i>Varia, Techniques</i>		Session X <i>Metals</i>		Session XIII <i>Summary</i>	
11:30-12:10	T. Hirade	10:30-11:10	M. Fujinami	11:30-12:00	A. Karbowski	11:40-12:10	J. Kuriplach	11:30-12:00	
12:10-12:50	S.V. Stepanov	11:10-11:40	I. Bartošová	12:00-12:30	G. Karwasz	12:10-12:40	A. Rubaszek	12:00	B. Jasińska
12:50-13:30	A. Alam	11:40-12:10	P. Horodek	12:30-13:00	T. Hirade	12:40-13:10	E. Boroński		M. Budzyński
13:45-14:45	<i>lunch</i>	12:30-13:30	<i>lunch</i>	13:30-14:30	<i>lunch</i>	13:30-14:30	<i>lunch</i>	13:30-14:30	<i>lunch</i>
Session III <i>Defects</i>		14:00-18:00	<i>Excursion</i>	15:00-18:00	<i>Poster session</i>	Session XI <i>Organics</i>			
15:30-16:00	P.M.G. Nambissan					15:00-15:40	V.P. Shantarovich		
16:00-16:30	F. Selim					15:40-16:10	B. Zgardzińska		
16:30-17:00	I. Prochazka					16:10-16:40	D. Zvezhinskiy		
						16:40-17:10	M. Tydda		
17:00-17:30	<i>coffee break</i>					17:10-17:40	<i>coffee break</i>		
Session IV <i>Metals, Steels, Alloys</i>						free time			
17:30-18:00	E. Dryzek								
18:00-18:30	M. Vlček								
19:00-20:30	<i>dinner</i>	18:00	<i>dinner on the town</i>	19:00-20:30	<i>dinner</i>	19:00-00:00	<i>Banquet</i>		

Program

MONDAY		09.09.2013
9:00-9:30	Registration	
		<u>Opening of the Seminar</u>
9:30-10:00	B. Jasińska	
Session I		<u>In memoriam</u>
		Chairperson - V.P. Shantarovich
10:00-10:20	O. Šauša <i>In memoriam Josef Kristiak</i>	
10:20-10:40	J. Chojcan <i>In memoriam Marian Szuszkiewicz</i>	
10:40-11:00	T. Goworek <i>80 years of positron, 65 years of positron spectroscopy</i>	p.21
11:00-11:30 coffee break		
Session II		<u>Fundamentals</u>
		Chairperson - T. Goworek
11:30-12:10	T. Hirade <i>Positronium formation at low temperatures</i>	p.26
12:10-12:50	S.V. Stepanov <i>Positron and Positronium in a liquid phase: formation, bubble state, chemical reactions</i>	p.57
12:50-13:30	A. Alam <i>Free volume, molecular mobility and polymer structure – an outline of some practical applications</i>	p.12
13:45-15:00 lunch		
Session III		<u>Defects</u>
		Chairperson - J. Kuriplach
15:30-16:00	P.M.G. Nambissan <i>Eu-doped cerium oxide nanoparticles studied by positron annihilation</i>	p.41
16:00-16:30	F. Selim <i>Positron lifetime measurements of vacancy defects in complex oxides</i>	p.52
16:30-17:00	I. Prochazka <i>Defects in zirconia-based nanomaterials: influence of rare-earth dopants</i>	p.46
17:00-17:30 coffee break		
Session IV		<u>Metals, Steels, Alloys</u>
		Chairperson - P.M.G. Nambissan
17:30-18:00	E. Dryzek <i>Annealing behaviour of austenitic stainless steel 1.4301 containing deformation induced martensite studied by positron annihilation methods</i>	p.18
18:00-18:30	M. Vlček <i>Investigation of precipitation effects in Mg-Tb and Mg-Tb-Nd alloys</i>	p.64
19:00-20:30 dinner		



TUESDAY 10.09.2013

Session V		<u>Liquids</u>
		Chairperson - E. Dryzek 3
9:00-9:30	S.V. Stepanov <i>To the Ps formation in water and aqueous solutions of NaNO₃ at different temperatures and NaNO₃ concentrations</i>	p.59
9:30-10:00	P. Stepanov <i>The prospect of application positron spectroscopy for detection of nanostructures in liquid mixtures</i>	p.56
10:00-10:30 coffee break		
Session VI		<u>Metals</u>
		Chairperson – A. Rubaszek
10:30-11:10	M. Fujinami <i>Positron probe microanalyzer in the hydrogen-related defects of pure iron and stainless steel</i>	p.19
11:10-11:40	I. Bartošová <i>Vickers hardness and positron annihilation study of Eurofer97 and ODS Eurofer</i>	p.13
11:40-12:10	P. Horodek <i>Positron Annihilation Studies of Defect Distribution in Stainless Steel after Sandblasting</i>	p.27
12:30-13:40 lunch		
13:50-17:50 Excursion		
18:00-22:00 dinner on the town		

WEDNESDAY 11.09.2013		
Session VII		<u>Theory</u>
		Chairperson – A. Alam
9:00-9:40	G. Kontrym-Sznajd <i>What theory requests from the experiment</i>	p.35
9:40-10:00	G. Kontrym-Sznajd <i>Compton scattering and various ACAR experiments in Mg</i>	p.36
10:00-10:30	S. Ishibashi <i>Theoretical simulation of spin-polarized Compton scattering and positron annihilation Doppler broadening spectra</i>	p.29
10:30-11:00	S. Lewicka <i>Electron-positron annihilation in ultra-strong magnetic fields</i>	p.37
11:00-11:30 coffee break		
Session VIII		<u>Varia, Techniques</u>
		Chairperson - M. Fujinami
11:30-12:00	A. Karbowski <i>Positron Annihilation Studies of Selected II-VI Compounds</i>	p.32
12:00-12:30	G. Karwasz <i>Positron scattering at thermal energies</i>	p.33
12:30-13:00	T. Hirade <i>Positron annihilation methods by use of LSO scintillators</i>	p.25
13:05 Conference foto		
13:30-14:45 lunch		
15:00-19:00		<u>Poster Session</u>
17:30-19:00 dinner - catering during the poster session		



THURSDAY 12.09.2013		
Session IX		<u>Porous media</u>
		Chairperson - S.V. Stepanov..... 5
9:00-9:40	T. Goworek <i>Gas pressure induced porosity of some organic media</i>	p.22
9:40-10:10	D. Račko <i>The free volume of condensed phases confined in a nanopore as seen by computer simulations and compared to PALS</i>	p.47
10:10-10:40	B. Jasińska <i>Temperature measurements of porous glasses using PALS technique</i>	p.31
10:40-11:10	M. Gorgol <i>Incorporation of nanoparticles into a porous glass</i>	p.20
11:10-11:40 coffee break		
Session X		<u>Metals</u>
		Chairperson - G. Kontrym-Sznajd
11:40-12:10	J. Kuriplach <i>Comparison of grain boundary structure in metals and semiconductors as probed by positrons</i>	p.36
12:10-12:40	A. Rubaszek <i>Positron annihilation study of defects in the cage-type uranium compound</i>	p.48
12:40-13:10	E. Boroński <i>Smearing of electron-positron momentum distributions due to many body effects</i>	p.15
13:30-14:45 lunch		
Session XI		<u>Organics</u>
		Chairperson - T. Hirade
15:00-15:40	V.P. Shantarovich <i>Local rigidity as a criterion of gas permeation of polymer and composition materials; PAL and TSL measurements</i>	p.53
15:40-16:10	B. Zgardzińska <i>Influence of the composition of alkane binary mixtures on their solid phases</i>	p.68
16:10-16:40	D. Zvezhinskiy <i>The evidence of quasi-free positronium state in GiPS-AMOC spectra of glycerol</i>	p.69
16:40-17:10	M. Tydda <i>Investigations of the free volume in resorcinol under high pressure</i>	p.63
17:10-17:40 coffee break		
free time		
19:00-23:00 Banquet		

FRIDAY 13.09.2013

Session XII		<u>Mössbauer and related</u>	
		Chairperson - J. Chojcan	6
9:40-10:00	S.V. Stepanov <i>Primary radiolytic processes in the Auger blob formed by radioactive transformation of ^{57}Co into ^{57}Fe in frozen aqueous medium</i>		p.58
10:00-10:20	T.M.Tkachenka <i>Mössbauer Study of Cubic Phase in Mn-Sb system</i>		p.62
10:20-10:40	Z. Surowiec <i>Mössbauer study of iron-molybdenum nanoparticles in modified MCM-41 silica</i>		p.60
10:40-11:00	E. Jartych <i>Mössbauer spectroscopy studies of multiferroic $(\text{BiFeO}_3)_{1-x}(\text{BaTiO}_3)_x$ solid solutions prepared by mechanical activation</i>		p.30
11:00-11:30 <i>coffee break</i>			
Session XIII		<u>Summary</u>	
11:30-12:00	A. Alam		
12:00-12:30	B. Jasińska		
13:30 <i>lunch</i>			