

Joint ICPSCG-9 & PDS'10 Programme

Sunday 23.05.2010			
15.00-18.00		Registration	
19.00-20.00		Dinner	

Monday 24.05.2010			
9.00-9.20		Opening Ceremony	
Session 0 Chairman: W. Sadowski			
9.20-10.00	L1	Robert Cava <i>-Czochralski Lecture</i>	Correlations of structure, chemistry and properties in superconducting FeSe and the 122 pnictides
10.00-10.30		Coffee break	
Session 1 Chairman: S. Krukowski			
10.30-11.05	L2	Horia Alexandru	Mechanism of crystal growth from solutions
11.05-11.40	L3	Koichi Kakimoto	How numerical calculation on crystal growth contributes to the quality of crystals of silicon and SiC
11.40-11.55	O1	Krzysztof Bienkowski	NiTiO ₃ - TiO ₂ growth as a fiber by micro-pulling down method
12.45-15.00		Lunch	
Parallel Session 2 Chairman: K.W. Wojciechowski			
15.00-15.30	PDS L6	Wiesław Leoński	Fidelity Based Indicators of Quantum Chaos
15.30-16.00	PDS L8	Andrzej Sikorski	Structure of Two-Dimensional Systems Containing Cyclic Polymers: Monte Carlo Simulations
16.00-16.30		Coffee break	
Session 3 Chairman: R. Fornari			
16.30-17.05	L5	Filip Ronning	Exploiting common building blocks to discover and understand unconventional superconductors.
17.05-17.40	L6	Tomasz Klimczuk	Crystal growth of (Yb _{0.24} Sn _{0.76})Ru
17.40-17.55	O2	Ekaterina Pomjakushina	Fe _{1+y} Se _{x} Te _{1-x} superconductors: phase diagram,
17.55-18.30	PDS L10	Konstantin V. Tretiakov	Mechanism of the Adsorption of Nanoparticles on SiO ₂ surface
18.30-19.30		Dinner	

Tuesday 25.05.2010			
Session 4 Chairman: A. Pajczkowska			
9.00 - 9.35	L7	Roberto Fornari	Application of travelling magnetic fields to melt growth of semiconductors
9.35-10.10	L8	Hanna Dabkowska	Crystal growth of oxides for research purpose by optical floating zone method
10.10-10.25	O3	Kazimierz Conder	Crystal growth of cuprate spin ladder compounds by optical floating zone method
10.25-11.00		Coffee break	
Session 5 Chairman: Z. Zytkeiwicz			
11.00-11.35	L9	Yasushi Nanishi	Growth, monitoring and InN/InGaN MQW structure fabrication by DERI method
11.35-12.10	L10	Ferdinand Scholz	HVPE of thick polar and non-polar GaN layers
12.10-12.30	O4	Izabella Grzegory	High nitrogen pressure solution crystallization of GaN on 2inch GaN substrates grown by HVPE
12.30-15.00		Lunch	
Parallel Session 6 Chairman: L. Murawski			
15.00-15.30	PDS L5	Andrzej Klonkowski	Modified Amorphous Silica Xerogels as Logic Gates for Cu(II) and Pb(II) Cations in Aqueous Solutions
15.30-16.00	PDS L3	Marek Grinberg	Characterization of Various Eu ²⁺ Sites in Ca ₂ SiO ₄ :Eu ²⁺ and Ba ₂ SiO ₄ : Eu ²⁺ by High Pressure Spectroscopy
16.00-16.30	PDS L7	Bohdan Padlyak	Spectroscopic Properties of Tetraborate Glasses Doped with Manganese
16.30-17.00	PDS L4	Nikolaos Gouskos	EPR Study of ZnO-Fe ₂ O ₃ System Obtained by Hydrothermal Synthesis
17.00-17.20		Coffee break	
17.20-18.45		Poster session	
20.00-22.30		Banquet	

Wednesday 26.05.2010			
Session 7 Chairman: H. Dabkowska			
9.00-9.35	L13	Steffen Ganschow	Impact of oxygen partial pressure on the melt growth of oxide single crystals
9.35-10.10	L14	Satoshi Watauchi	Effects of tilting the mirror of infrared heating image furnace on the crystal growth by floating zone method
10.00-10.15	O7	Zbigniew Galazka	Czochralski growth and characterization of β -Ga ₂ O ₃ single crystals
10.15-10.45		Coffee break	
Session 8 Chairman: M. Berkowski			
10.45-11.20	L15	Janusz Karpiński	Single crystals growth and investigations of basic properties relevant for applications on new FeAs based superconductors
11.20-11.35	O8	Takaomi Suzuki	Determination of the specific surface free energy of natural quartz crystals using measurement of contact angle of liquid droplets
11.35-11.50	O9	Masao Miyashita	Specific surface free energy and morphology of fluorapatite crystals studied by modified Wilhelmy method
12.00-13.00		Lunch	
14.00-18.30		Excursion	“The Best of Gdansk – Old Town”
19.00-20.00		Dinner	

Thursday 27.05.2010			
Session 9 Chairman: M. Leszczyński			
9.00-9.35	L16	Jacek-M. Baranowski	Epitaxial graphene: growth and perspectives
9.35-10.10	L17	Marek Grinberg	New Eu ²⁺ sites in KMgF ₃ :Eu ²⁺ crystal
10.10-10.25	O10	Andrzej Bajor	Assessment of gadolinium calcium oxoborate (GdCOB) for laser applications
10.25-11.00		Coffee break	
Parallel Session 10 Chairman: J. Rybicki			
10.00-11.30	PDS L1	Mirosław Dudek	CO ₂ Corrosion Rate Model of Mining Gas Pipes in Terms of Kardar-Parisi-Zhang Equations
11.30-12.15	PDS L2	Joseph N. Grima	Auxetic Materials
12.15-12.45	PDS L9	Krzysztof W. Wojciechowski	Auxeticity and Size Polydispersion
12.45-12.50		Closing	
13.00-14.30		Lunch	