

II Krajowa Konferencja Polski Synchrotron - Linie Eksperymentalne Ameliówka, 20 - 21 czerwca 2008 roku

IInd National Conference: Polish Synchrotron - Beamlines Ameliówka, 20-21 June 2008



INSTYTUT FIZYKI
Polskiej Akademii Nauk

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The Conference follows immediately the 9th International School and Symposium on Synchrotron Radiation in Natural Science (ISSRNS'2008, June 15-20, 2008) and takes place in the Ameliówka Hotel (Małocice Kapitulne near Kielce) on 20 – 21 June, 2008.

This is the latest in a series of meetings dedicated to the planned beamlines at the Polish Synchrotron and in particular will be concerned with:

- **Suggested scientific program for the beamlines - presentations of original research works carried out at similar beamlines of the existing synchrotrons, emphasizing particularly the technical aspects.** *)
- Information about the progress in the technical specification for individual beamlines.
- Requirements concerning the layout and possible special equipment of the hutches for a given beamline and the suggested station(s), together with assumptions for the architectural design.
- Organization-matters concerning the working groups responsible for the individual beamlines, the procedures for coordination between the teams and the Accelerator Project Group.
- Appraisal of progress in preparation of the Conceptual Design Report.
- Exchange of experiences & coordination between working teams.
- The financial conditions of the beamline working groups.

*) **Presentations** (15 minutes) of original research works on the similar, respective beamlines at the existing synchrotrons, particularly **emphasizing the technical aspects - are invited!** Please submit **the abstract in English** of approx. half a page length **by 16-th May 2008**. We ask you to indicate to which planned beamline of Polish Synchrotron the paper refers to (synchrotron.pl > Project Specification > Beamlines) **The Conference language is English.**

Program arrangement:

Friday 20th June 2008	14⁰⁰ - 16⁰⁰	Session I
	16⁰⁰ - 16³⁰	Coffee break
	16³⁰ - 18³⁰	Session II
	19³⁰	Conference Dinner
Saturday 21th June 2008	9⁰⁰ - 10⁴⁵	Session III
	10⁴⁵ - 11¹⁵	Coffee break
	11¹⁵ - 13³⁰	Session IV
	13³⁰	Debate ending

LIST OF CONTRIBUTIONS

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Author(s)	Paper title
M. Zubek, B. Mielewska, M. Dampc, M.R.F. Siggel-King, G.C. King	Threshold photoelectron spectra of tetrahydrofuran and α -tetrahydrofurfuryl alcohol over the energy range 9eV to 30 eV
M. Pajek, J. Szlachetko, D. Banaś, W. Cao, J.-Cl. Dousse, J. Hoszowska, Y. Kayser, A. Kubala-Kukuś, M. Szlachetko, M. Salome, J. Susini	Resonant raman scattering in synchrotron radiation based X-ray fluorescence analysis
Stanisław Rabiej	Investigations of the internal structure and thermal properties of the homogeneous ethylene-1-octene copolymers
Andrzej J. Wojtowicz	UV and VUV spectroscopy of rare earth activated wide bandgap materials
Andrzej Pawlak	Investigations of cavitation during deformation of polymers by saxs studies
Andrzej Kuczumow	Some remarks on W2 line construction derived from the experiments on biomaterials in Lure and Hasytab
Wojciech Paszkowicz	On Polish contribution to the use of synchrotron sources in natural sciences
M. Sikora, K. Knizek, Cz. Kapusta, Z. Jirak, V. Prochazka, D. Rybicki, P. Glatzel	Spin state evolution of transition metals in the co doped manganese perovskites
Wojciech Rypniewski	Specifications for the macromolecular crystallographic beam line PLU4A
Henryk Fiedorowicz	Microprocessing polymers using synchrotron and laser plasma EUV sources
G. Vankó, F.M.F. de Groot	Resonant X-ray emission spectroscopy unveils fine details of cobalt 1s pre-edges
J. Bąk-Misiuk, J. Domagała, J. Gronkowski, M. Leszczyński, G. Kowalski, A. Shalimov, W. Wierzchowski, K. Wieteska	Line PLM5A: "X-ray diffraction topography and high resolution diffraction of monocrystalline materials"
J.T. Bonarski, L. Tarkowski	Proposal of synchrotron beamline PLM6 "X-DAS"
E. Czerwosz, M. Kozłowski	Measuring position for investigation of work function from defferent materials
K. Ławniczak-Jabłońska	The short overview of the applications of X-ray absorption spectroscopy for material characterization at Institute of Physics in Warsaw
Maciej Kozak	The applications of small angle scattering of synchrotron radiation in structural biology
Jerzy Pełka	Biomedical Facility at Polish Synchrotron in Cracow
Robert Nietubyć	Project of an undulator beamline for ultraviolet and soft x radiation