Multiscale phenomena in molecular matter

Monday, July 6, 2015 - Friday, July 10, 2015

Institute of Nuclear Physics PAN, Kraków

Scientific Program

The conference is devoted to research on molecular materials, i.e. liquid crystals, glass formers, molecular magnets and nanomagnets, molecular layered systems, polymers, as well as biology-oriented and advanced materials for applications.

Structure, dynamics, relaxation, magnetism, acoustics and other properties, as probed by various techniques within a broad range of time- and length-scales will be dicussed.

We plan 4 key lectures (40 minutes), 18 invited talks (30 minutes), 30 oral presentations (20 minutes) - discussion included. Poster sessions will be also arranged.

Confirmed speakers

Ken Andersen, *European Spallation Source, Lund*

Aleksandr Belushkin, *Joint Institute for Nuclear Research, Dubna*

Hervé Cailleau, *University of Rennes*

Eugenio Coronado, *University of Valencia*

Giovanna Fragneto, *Institute Laue-Langevin, Grenoble*

Marco Geppi, *University of Pisa*

Friedrich Kremer, *Leipzig University*

Núria López, *Institute of Chemical Research of Catalonia, Tarragona*

Tomas Lundqvist, *Lund University*

Tomasz Martyński, *Poznań University of Technology*

Bridget Murphy, *Kiel University*

Martin Müller, *Kiel University*

Yasuhiro Nakazawa, *Osaka University*

Christian Näther, *Kiel University*

Nguyen Xuan Phuc,<*span style="font-family: verdana,arial,sans-serif; font-size: 10pt; "> Institute of Materials Science, Hanoi*

Shin-ichi Ohkoshi, *University of Tokyo*

Marian Paluch, *University of Silesia, Katowice*

Arndt Remhof, *Swiss Federal Laboratories for Materials Science and Technology EMPA, Dübendorf*

C. Michael Rolland, *Naval Research Laboratory, Washington DC*

Kazuya Saito, *University of Tsukuba*

Wilfried Schranz, *University of Vienna*

Hiroko Tokoro, *University of Tsukuba*

Daniela Uhrikova, *Comenius University, Bratislava*

Małgorzata Witko, *Institute of Catalysis and Surface Chemistry PAN, Kraków*

Joachim Wuttke, *Jülich Centre for Neutron Science, München*

Michael Wübbenhorst, *Catholic University Leuven*

soft matter and glassformers

molecular magnets and nanomagnets

multifunctional materials

surface and interfaces

biology oriented systems

new ideas and advanced methods