Editorial

The XVI International Seminar on Physics and Chemistry of Solids (ISPCS'10) was held in Lviv on June 6-9, 2010. This conference is a result of scientific collaboration between the Ivan Franko National University of Lviv, Scientific Research Company "Carat" (Lviv), and the Jan Długosz University, Częstochowa, and is held annually.

Over 100 scientists participated in ISPCS'10 and took an opportunity to share their achievements, to discuss modern scientific problems, and to start friendly relations in an informal atmosphere.

The scope of ISPCS'10 covers all aspects related to:

- Technology, Chemistry, Physics and Engineering of Functional Materials;
- Modeling, Non-destructive Testing and Characterization Techniques applied in Modern Materials Science aiming to encourage such studies in the field of functional materials:
- Theory of Solid-State Condensed Systems;
- Structural Defects and Defect-Related Phenomena in Solids;
- Crystal Structures of Complex Inorganic Compounds;
- Transformations and Relaxation Phenomena in Solids;
- Low-Dimensional and Disordered Materials and Nanoscale Effects;
- New Organic Materials with Functional Properties.

The proceedings of selected works presented at the XVI International Seminar on Physics and Chemistry of Solids are included in this issue of CHEMISTRY OF METALS AND ALLOYS. They demonstrate the main trends of the investigations that were presented during the Seminar.

I wish to thank all the invited speakers who agreed to present their results at the conference: P. Dobrzyski (Jan Długosz University, Częstochowa, Poland), J. Ebothe (Université de Reims, France), A. Mandowski (Jan Długosz University, Częstochowa, Poland), O. Kushnir (Ivan Franko National University of Lviv, Ukraine), L. Akselrud (Ivan Franko National University of Lviv, Ukraine), I. Zavaliy (Physico-Mechanical Institute of NAS of Ukraine).

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