

Editorial

Two years have already passed since the first issue of *Chemistry of Metals and Alloys* was published in March 2008. Although this time is not sufficient to make global conclusions, we wanted to trace some of the most remarkable trends.

Almost 100 contributions have been published during the first two years. The geography of the authors covers a wide range, including Ukraine, Austria, Canada, China, Czech Republic, Egypt, France, Germany, Italy, Japan, KSA, Poland, Portugal, Russia, Slovenia, Sweden, Switzerland, USA. We are happy to see that most of the papers were the result of fruitful international collaboration involving leading scientific research centers all over the world.

We were glad to meet many of our authors at scientific forums held in Lviv, such as the International Conference on Crystal Chemistry of Intermetallic Compounds. Materials of the 9th and 10th editions have been published in *Chemistry of Metals and Alloys*. Currently, the proceedings of the 11th International Conference on Crystal Chemistry of Intermetallic Compounds are in press and the proceedings of the 16th International Seminar on Physics and Chemistry of Solids are in preparation, and are planned to be published in December 2010 and June 2011, respectively.

Among the topics covered by *Chemistry of Metals and Alloys* the most popular issue is crystal structure determination. Over 40% of the published reports deal with crystal structures of novel compounds. Albeit the majority of these papers concern structures of intermetallic compounds, there are also reports on coordination compounds, oxides, hydrides, sulfides,

etc. In most cases X-ray single-crystal or powder diffraction was applied, but for a number of compounds complementary methods such as neutron diffraction, metallography, *etc.* were used. Another popular field covered by *Chemistry of Metals and Alloys* is the investigation of phase diagrams. In approximately every fourth paper phase diagrams or phase equilibria are discussed. Many papers published in *Chemistry of Metals and Alloys* also contain data on physical properties of reported compounds. Magnetic properties, transport properties, and optical properties have been discussed for a number of compounds, alloys or nanomaterials.

Despite the title, we would not like the journal to be focused exclusively on intermetallic compounds and crystal chemistry. We are thus glad to see that a number of reports on analytical chemistry, physical chemistry, organometallic chemistry, and theoretical physics were among the publications.

Among other achievements, we would like to mention that in May 2009 *Chemistry of Metals and Alloys* was included in the official list of journals of the High Attestation Commission of Ukraine. Recently, a few more experts in different fields accepted to join the editorial board.

Hence, we encourage you to submit papers to *Chemistry of Metals and Alloys*, and on our side we commit ourselves to trying to make the publication process convenient for the authors and the journal interesting for the reader.

Roman GLADYSHEVSKII
Khrystyna MILIYANCHUK