Preface

Milan Drábik*

11th Conference on Solid State Chemistry (SSC 2014)

Keywords: conference series; IUPAC poster prize; solid state and materials chemistry; SSC 2014.

DOI 10.1515/pac-2015-5001

The IUPAC sponsored 11th Solid State Chemistry Conference (SSC 2014) was held on 6–11 July 2014 in Trenčianske Teplice, in Slovakia. SSC 2014 is a part of the series of conferences on solid state and materials chemistry with the scope and themes of special significance and challenge at present time interlinking research, development and technology. The conferences are held biannually alternately in Slovakia and Czech Republic. The topics of SSC 2014 included: Chemical and physical aspects, Electric and magnetic aspects, Applications of inorganic and organometallic materials, Spectroscopic, diffraction and structural aspects, Thermochemical, thermodynamic and kinetic aspects and Computation and theoretical aspects.

The SSC 2014 conference enabled the mutual exchange of knowledge and ideas of participants directly in the lecture’s and poster’s sessions at the variety of informal discussions during the 6 days of the conference. A total of 155 scientists from 26 countries around the world shared six plenary lectures, 11 key-note lectures, 53 lectures and 99 posters. In addition, Prof. Javier Garcia Martinez – a member of the IUPAC Bureau, gave a vital presentation on IUPAC. The outcome, with the input of the broader audience, represents the content of this Special Issue of Pure and Applied Chemistry. The readers will find here i) seven papers on the themes of plenary and key-note lectures and ii) two papers of young awardees of IUPAC poster prize. A further paper from one of the young awardees will be published in a forthcoming issue of the journal. The personalities and scientific feedback of lecturers, quality and subjects of invited and key-note lectures together with the enthusiasm of young IUPAC Poster Prize awardees guarantee that the content of the issue of Pure and Applied Chemistry will give a representative profile not only of SSC 2014 but also of the challenging fields of solid state and materials chemistry.


*Corresponding author: Milan Drábik, Institute of Inorganic Chemistry, Ceramics Department, Slovak Academy of Sciences, Dúbravská cesta 9, 845 36 Bratislava, Slovak Republic; and Faculty of Natural Sciences, Department of Inorganic Chemistry, Comenius University, Mlynska dolina, 842 15 Bratislava, Slovak Republic, e-mail: drabik@fns.uniba.sk, uachmdra@savba.sk

© 2015 IUPAC & De Gruyter