

## Preface

The 2<sup>nd</sup> International IUPAC Conference on Green Chemistry (ICGC-2) was held 14–20 September 2008 aboard the ship “Alexander Radishev” traveling from Moscow to St. Petersburg, Russia. The conference was organized by the Russian Academy of Sciences, the Russian Foundation of Basic Research, the Russian Ministry of Education and Science, and M. V. Lomonosov Moscow State University. The opening ceremony was held in the aula of the new Intellectual Center, Fundamental Library of Moscow State University.

The scientific program was centered around a number of fundamental and applied topics such as

- environmentally safe reagents and synthesis routes,
- heterogeneous catalysis,
- homogeneous and enzyme catalysis,
- prospective environmentally safe energy sources,
- use of renewables in the chemical processes,
- environmentally safe technologies of chemical products, and
- education in the field of green chemistry

The conference program included 7 plenary lectures, 10 keynote lectures, 37 oral contributions, and 120 poster presentations. Two round-table discussions were also organized. The first was organized by Prof. Hemda Garelick (Middlesex University, London) and examined the environmental context for “green chemistry” and addressed its relationship with the subject area of “environmental chemistry”. The second was organized by Prof. Valery Lunin (Chemistry Department of M. V. Lomonosov Moscow State University, Moscow) and was devoted to the discussion of the theoretical and practical aspects of the use of supercritical fluids in chemistry and technology.

The conference attracted over 360 participants from 39 countries and 4 continents. IUPAC’s green chemistry activities were presented by Prof. P. Tundo, President of IUPAC’s Organic and Biomolecular Chemistry Division (INCA and Ca’ Foscari University of Venice) and Prof. B. Han, Chair of the IUPAC Subcommittee on Green Chemistry. The plenary and keynote lectures with the choice of oral contributions published in this issue of *Pure and Applied Chemistry* cover each topic of the conference.

We look forward to the 3<sup>rd</sup> International Conference on Green Chemistry to be held in August 2010 in Canada.

**Edward Karakhanov**  
Conference Editor