

PREFACE

We would like to welcome you, the participants of the *International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova*. We wish you a pleasant and useful stay in the capital of our country, Chisinau.

The Institute of Chemistry of the Academy of Sciences of Moldova was founded in 1959 on the basis of the departments of organic chemistry, of inorganic chemistry and the laboratory of analytical chemistry of the Moldovan Branch of the Academy of Sciences of the USSR.

The cornerstones of scientific directions of the Institute were laid down by famous researchers, members of the Academy, founders of scientific schools in Moldova: A.V. Ablov (1905-1978) – School of Coordination Compounds Chemistry; G.V. Lazurievski (1906-1987) – School of Organic and Bioorganic Chemistry, Yu.S. Lealicov (1909-1976), organizer and leader of research related to physical-chemical methods of analysis – School of Polarography.

Later, new scientific schools were created: School of Quantum Chemistry – headed by academician I. Bersuker; School of Organic, Bioorganic Chemistry, Chemistry of Natural and Physiologically Active Compounds – headed by academician P. Vlad; School of Coordination Chemistry, Macrocyclic and Supramolecular Compounds – headed by academician N. Garbalau; School of Ecological Chemistry – headed by academician Gh. Duca and School of Bioinorganic Chemistry – headed by academician C. Turta. In addition, the Scientific School in the field of Chemistry of Adsorbents was created by the corresponding member T. Lupascu.

The research directions of the Institute of Chemistry are: (i) the synthesis and study of new polyfunctional substances; (ii) the study of chemical, physico-chemical processes; (iii) the development of environmental protection methods. At the Institute of Chemistry there are 117 researchers, including 4 Full Members of the Academy of Science of Moldova, 2 Corresponding Members of the Academy of Science of Moldova, 19 Doctors Habilitate and 49 Doctors.

In 2006, the Institute of Chemistry launched the publication (in English) of the peer-reviewed scientific journal “*Chemistry Journal of Moldova. General, Industrial and Ecological Chemistry*”.

The International Conference dedicated to the 55th anniversary from the foundation of the Institute of Chemistry of the Academy of Sciences of Moldova will serve as the main arena for discussion, experience and ideas exchange of recent achievements in chemistry. About 200 scientists from different countries (Romania, Switzerland, Poland, France, United Kingdom, Czech Republic, Republic of Moldova, Ukraine, Russian Federation, Azerbaijan, Japan, USA etc.) have expressed their wish to be registered at the Conference and attend its sessions. The Conference topics are:

- ✓ Inorganic and Physical Chemistry
- ✓ Analytical and Ecological Chemistry
- ✓ Organic and Bioorganic Chemistry.

A valuable contribution to Conference organization was provided by the following sponsors: *ICS “Nitech” SRL; “Ecochimie” SRL; ÎEP “Știința”; “Unidecor” SRL; “Polivalent-95” SRL; “Stimed Plus” SRL.*

We would like to wish good luck and successful results to all participants of the Conference!

Editorial Board
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