

XVI Polish – Ukrainian Symposium
*Theoretical and Experimental Studies
of Interfacial Phenomena
and Their Technological Applications*



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XVI Polish – Ukrainian Symposium

Theoretical and Experimental Studies of Interfacial Phenomena and Their Technological Applications

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Maria Curie-Skłodowska University in Lublin

in cooperation with:

Lublin Division of the Polish Chemical Society

Polish Academy of Sciences

Chemical Division of the National Academy of Sciences of Ukraine

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Institute for Sorption and Problems of Endoecology NASU

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Preface

Successive Polish-Ukrainian Symposia are of great tradition and fame as an important scientific event being a result of extensive and many years' collaboration between the scientists from various research centres in Ukraine and Poland. The main aim of these symposia is the development of closer ties between the Polish and Ukrainian research groups working in the field of theoretical and experimental studies of surface phenomena and their application in practice.

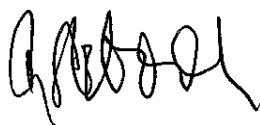
Since the collaboration started, the Polish-Ukrainian teams have published over four hundred papers in most frequently cited journals, among them: *Langmuir*, *Journal of Colloid and Interface Science*, *Colloids and Surfaces*, *Adsorption Science and Technology*, *Transactions of Faraday Society*, *Carbon* and *Adsorption*. The results of joined research were presented at many scientific conferences held in France, the United Kingdom, Israel, the USA, Germany, Poland, Ukraine and other countries.

Lately this cooperation has been extended: in addition to the individual and small-team involvement of the Polish and Ukrainian scientists in the bilateral research projects, a large groups of Ukrainian scientists participated in the COMPOSITUM and NANOBIOMAT programs supported by the European Union. This time the Symposium takes place simultaneously with the 10th International ISSHAC Symposium «Effects of Surface Heterogeneity in Adsorption, Catalysis and related Phenomena». During the joined event, the studies carried out in the collaboration with the scientists from France, Germany, Greece, Spain, Sweden, the UK and other counties will be discussed.

Also, the Scientific Committee of the Symposium considers it the best practice to promote the interest of students in the scientific studies in view of their future professional involvement in either fundamental or applied research.

The main topics of the lectures presented during the Symposia are: sorption from gaseous and liquid phases, gas chromatography, ion exchange, heterogeneous catalysis, application of quantum mechanical methods for the study of the surface chemistry of dispersed materials, preparation of new adsorbents, ion exchangers and catalysts, and their application in various techniques, medicine and research practice. The official languages of the Symposium are Ukrainian, Polish, English and Russian, and the participants use these four languages in the discussions.

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