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# Editors' preface for the special issue "5th Central European Symposium of Plasma Chemistry"

DOI: 10.1515/chem-2015-0046

received October 27, 2014; accepted October 30, 2014.

The conference series "Central European Symposium of Plasma Chemistry" started in 2006. CESPC focuses on presenting the latest results and exchanging information in the field of application of plasmas for synthesis of new materials, materials processing, surface modification, energy technologies, plasma medicine, environmental protection and related areas, with emphasis on plasma chemistry.

The locations of the previous symposia were Gdansk, Poland (2006), Brno, Czech Republic (2008), Kyiv, Ukraine (2009), Zlatibor, Serbia (2011). The latest, 5th CESPC was held in Balatonalmádi, Hungary from 25<sup>th</sup> to 29<sup>th</sup> August 2013.

The number of participants exceeded all of the previous conferences. Out of the 157 registered participants 137 scientists were present, the other 20 were the accompanying persons. Conference attendees represented 27 countries, 13 of which belong to Central Europe. It was the aim of the conference organizers to increase the proportion of the PhD students that eventually reached 25%, all of them come from CE countries. The editors thank the Central European Initiative (CEI) for the financial support to reach this goal. A distinguished group of invited speakers from various fields of plasma science made the symposium very attractive and guaranteed high scientific level. In the present special issue only a limited number of the papers – representing all the contributing Institutions – could be published due to the financial limits of the conference. We are indebted to the authors who found financial support for the publication of their papers, in this way contributing to a greater representation of the symposium. In spite of the limited number of the papers published, each conference topic,

*i.e.*, Fundamental problems, Modeling and diagnostics, Energy technologies, Environmental protection, Bio- and medical plasma technologies, Surface processes as well as Nanostructured materials, is equally represented. We would also like to thank Masha Dorogova, the Managing Editor of the journal, for the excellent cooperation during the process.

Finally, we thank Dr. András Tóth, leader of the Local Organizing Committee for the extreme effort he has done to lead the conference to a great success.

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