Preface

The electrochemical community in the southeastern part of Europe has been renowned worldwide for more than 50 years. The contributions to electrochemical science, involving publications, scientific meetings, or, generally speaking, electrochemical research, development, education, and applications are recognized to a wider extent than expected, bearing in mind this relatively small geographic area. The tradition connected with 16 biannual Yugoslav Symposia on Electrochemistry, followed by a few Croatian Electrochemical Symposia and Electrochemical Symposia of Serbia and Montenegro merged into a Regional Symposium. Actually, the mutual idea was born in Belgrade, Serbia and Zagreb, Croatia. Going toward the European Union, nine chemical societies from southeast European organized the 2nd Symposium (the Serbian Chemical Society was the local organizer), held in Belgrade, Serbia, 6–10 June 2010 (<<http://www.rse-see.net>>). The 1st Symposium, with the Croatian Society of Chemical Engineers as the local organizer, was held in Rovinj, Croatia in 2008.

The 2nd Symposium was attended by more than 200 participants, including young scientists (such as university students participating in the Satellite Student Symposium with 19 contributions) from more than 30 countries. Eminent invited plenary and keynote speakers delivered 9 and 18 lectures, respectively, and 46 oral and 118 poster presentations were contributed, promoting thereby contemporary electrochemical knowledge even outside the region. Topics such as fundamental aspects of electrochemistry, energy conversion, materials, corrosion, environmental electrochemistry, and bio-electrochemistry, among others, lead to the conclusion that this was a very successful meeting.

The selected papers published herein give a representative view of the Symposium, considering electrochemical thermodynamics, the fundamentals of electrochemical kinetics, the structure of electrode materials, and some basic electrochemical reactions and applications of electrochemical and materials science principles as biomedical implants, in analytical chemistry and corrosion.

The 3rd Regional Symposium on Electrochemistry of Southeast Europe is scheduled for 2012. The local organizer is the Romanian Chemical Society, and the venue will be Bucharest, Romania.

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