

Preface

The *9th Conference of PhD Students in Computer Science (CSCS)* was organized by the Department of Informatics of the University of Szeged (SZTE) and held in Szeged, Hungary, from June 30 to July 2, 2014.

The members of the Scientific Committee were the following representatives of the Hungarian doctoral schools in computer science: János Csirik (Co-Chair, SZTE), Lajos Rónyai (Co-Chair, SZTAKI), András Benczúr (ELTE), Hasszan Charaf (BME), Tibor Csendes (SZTE), László Cser (BCE), János Demetrovics (ELTE), József Dombi (SZTE), Ferenc Friedler (PE), Zoltán Fülöp (SZTE), Aurél Galántai (ÓE), Zoltán Gingl (SZTE), Tibor Gyimóthy (SZTE), Zoltán Horváth (ELTE), Csanád Imreh (SZTE), Zoltán Kató (SZTE), Zoltán Kása (Sapientia EMTE), László Keviczky (SZIE), László Kóczy (SZIE), János Kormos (DE), Erzsébet Kovács (Corvinus), János Levendovszky (BME), Dániel Marx (SZTAKI), László Nyúl (SZTE), Attila Pethő (DE), András Recski (BME), Jenő Szigeti (ME), Tamás Szirányi (SZTAKI), and Péter Szolgay (PPKE).

The members of the Organizing Committee were: Rudolf Ferenc (Chair), Balázs Bánhelyi, Tamás Gergely, and Zoltán Kincses.

There were more than 50 participants and 43 talks in several fields of computer science and its applications (11 sessions). The talks were going in sections in recognition, medical solutions, software quality, software testing, mobile and ERP, compilers and languages, image processing, mathematical problems/models, artificial intelligence, optimization, and data mining. The talks of the students were completed by 3 plenary talks of leading scientists: Prof. Pawel Pilarczyk (Institute of Science and Technology, Austria), Prof. Zoltán Horváth (Eötvös Loránd University, Hungary), and Prof. John Milton (Claremont, California, USA).

The open-access scientific journal *Acta Cybernetica* offered PhD students to publish the paper version of their presentations after a careful selection and review process. Altogether 23 manuscripts were submitted for review out of which 13 were accepted for publication in the present special issue of *Acta Cybernetica*.

The full program of the conference, the collection of the abstracts and further information can be found at <http://www.inf.u-szeged.hu/~cscs>.

On the basis of our repeated positive experiences, the conference will be organized in the future, too. According to the present plans, the next meeting will be held around end of June 2016 in Szeged.

Rudolf Ferenc
Guest Editor