

Preface

The *10th Jubilee Conference of PhD Students in Computer Science (CSCS)* was organized by the Institute of Informatics of the University of Szeged (SZTE) and held in Szeged, Hungary, between June 27–29, 2016.

The members of the *Scientific Committee* were the following representatives of the Hungarian doctoral schools in computer science:

Zoltán Fülöp (Co-Chair, SZTE), Lajos Rónyai (Co-Chair, SZTAKI, BME), Péter Baranyi (SZE), András Benczúr (ELTE), Hassan Charaf (BME), Tibor Csendes (SZTE), László Cser (BCE), Erzsébet Csuha-Varjú (ELTE), János Demetrovics (ELTE), Imre Dobos (BCE), István Fazekas (DE), János Fodor (ÓE), Aurél Galántai (ÓE), Zoltán Gingl (SZTE), Tibor Gyimóthy (SZTE), Katalin Hangos (PE), Zoltán Horváth (ELTE), Csanád Imreh (SZTE), Márk Jelasity (SZTE), Zoltán Kása (Sapientia EMTE), László Kóczy (SZE), János Levendovszki (BME), László Nyúl (SZTE), Attila Pethő (DE), Gábor Prószéki (PPKE), Tamás Szirányi (SZTAKI), Péter Szolgay (PPKE), János Sztrik (DE), János Tapolcai (BME), and János Végh (ME).

The members of the *Organizing Committee* were:

Rudolf Ferenc (Chair), Balázs Bánhelyi, Tamás Gergely, and Zoltán Kincses, and Attila Kertész.

There were more than 50 participants and 46 talks in several fields of computer science and its applications (14 sessions). The talks were going in sections in Testing, Mining, Machine Learning, Medical Solutions, Program Analysis, Programming Languages, Image Processing I, Model Matching, Image Processing II, Algorithm, Cloud/IoT, Networking, Models, and Optimization. The talks of the students were completed by 3 plenary talks of leading scientists: Dániel Marx (MTA SZTAKI), László Pyber (MTA Rényi), and Dániel Varró (BME).

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 28 manuscripts were submitted for review out of which 16 were accepted for publication in the present special issue of *Acta Cybernetica*. We wish to thank David P. Curley for reviewing and correcting the papers from a linguistic point of view.

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 2018 in Szeged.

Rudolf Ferenc
Guest Editor