

Preface

The 5th Conference for PhD Students in Computer Science (CSCS) was organized by the Department of Computer Science of the University of Szeged (SZTE) and held in Szeged, Hungary from June 27-30, 2006. The members of the Scientific Committee were the following representants of the Hungarian doctoral schools in computer science: Mátyás Arató (DE), András Benczúr (ELTE), Miklós Bartha (SZTE), Tibor Csendes (SZTE), János Csirik (SZTE), János Demetrovics (SZ-TAKI), Sarolta Dibuz (Ericsson), József Dombi (SZTE), Zoltán Ésik (SZTE), Ferenc Friedler (VE), Zoltán Fülöp (SZTE), Ferenc Gécseg (chair, SZTE), Tibor Gyimóthy (SZTE), Balázs Imreh (SZTE), János Kormos (DE), László Kozma (ELTE), Attila Kuba (SZTE), Eörs Máté (SZTE), Gyula Pap (DE), András Recski (BMGE), Endre Selényi (BMGE), Katalin Tarnay (NOKIA), György Turán (SZTE), and László Varga (ELTE). The members of the Organizing Committee were Balázs Bánhelyi, Tibor Csendes (chair), Judit Jász, Mariann Kocsorné Sebő, Gabriella Nagyné Hecksó, and Péter Gábor Szabó.

There were more than 100 participants and 75 talks in several fields of computer science and its applications. Beyond the Hungarian PhD schools in computer science, 8 other European countries were represented. The talks were going in two parallel sections in artificial intelligence, automata and formal languages, computer networks, database theory, discrete mathematics, fuzzy decision support systems, information systems, optimization, picture processing, and software engineering. The talks of the students were completed by 4 plenary talks of leading scientists: Tibor Gyimóthy (Szeged), Marius Minea (Timisoara), Lajos Rónyai (Budapest), and Hermann Schichl (Vienna).

Three scientific journals, viz. Periodica Polytechnica (Budapest), Publicationes Mathematicae (Debrecen) and Acta Cybernetica (Szeged) offered students to publish the paper version of their presentations after a selection and review process. Altogether 19 manuscripts were submitted for publication. The present special issue of Acta Cybernetica contains 7 such papers.

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, hopefully with more foreign participants. According to the present plans, the next meeting will be held in July 2008 in Szeged.

Tibor Csendes