

Preface

The 4th 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 July 1 to 4, 2004. 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 (SZTAKI), Sarolta Dibuz (Ericsson), József Dombi (SZTE), Zoltán Ésik (SZTE), Ferenc Friedler (VE), Zoltán Fülöp (SZTE), Ferenc Géceg (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), Tünde Felföldi, Mariann Kocsorné Sebő, Gábor Sey, and Péter Gábor Szabó.

There were more than 120 participants and 101 talks in several fields of computer science and its applications. Beyond the Hungarian PhD schools in computer science, 6 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.

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 41 manuscripts were submitted for publication. The present special issue of Acta Cybernetica contains 14 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 2006 in Szeged.

Tibor Csendes and Zoltán Fülöp