

Editorial

As the chairman of the Programme Committee of the 17th International Conference on Information Technology Interfaces I have the honour to act as guest editor in this issue of CIT. It contains a selection of accepted papers printed in the Conference proceedings. The selected papers have been reviewed by additional referees to comply with strict quality requirements of the CIT journal.

The Conference itself, known as ITI'95, should maybe deserve a few words of comment. It has been a conference organised annually by the University Computing Centre in Zagreb, under auspices of Croatian authorities and in co-operation with 12 renowned Croatian and international institutions and societies. It was traditionally held in Cavtat, a beautiful resort south of Dubrovnik. Since 1990 the Conference has continued at a new location. The city of Pula in Istria was chosen. It is also a very scenic environment and the hotel is among the best in Istria, a region famous for its tourism. During the past years significant efforts were required to maintain the Conference continuity and to keep it international. All of us, Croatian organisers, especially appreciate the contribution of the foreign participants during the hard times.

I hope that this was the last time the Conference was held under war or semi-war conditions. Regardless of tough conditions, authors from 20 countries submitted their papers. After the review by two independent referees, 89 papers by 178 authors were accepted for the Conference proceedings. Out of this, five papers were chosen and refereed again to be printed in this issue of CIT. The intention was to represent the variety and quality of different Conference topics.

For the emerging field of multimedia the reader will find a very readable, intriguing and competent state-of-the-art review paper by our invited speaker Geoff Coulson and his colleagues.

Those of CIT readers who are interested in theoretical backgrounds of the computing technology will certainly find the paper by Felice Balarin a worthy contribution.

Nowadays as the relational database technology has reached its full maturity, object-oriented approach enters not only academic communities but also real world applications. Temporal data are also present in most non-trivial applications. An article regarding this topic was written by Liwu Li.

Our invited speaker Darko Skorin-Kapov presented a paper co-authored by his spouse, Jadranka Skorin-Kapov. The mathematically profound presentation deals with operational research and the theory of algorithms in solving an important NP-hard problem appearing also in telecommunication or computer wide area networks.

At last, but by no means least, the lecture by our invited speaker Nikola Pavešić was selected. It features the problem of continuous speech recognition based on the hidden Markov models.

There were also many other valuable papers but I had to make a selection. I apologise to many authors who could not enter into this set.

Finally, those participants and authors who were present at the Conference will surely remember some provoking questions, vivid discussions in presentation rooms, at the panel discussion or maybe in the night club and during a lovely excursion. No need to mention that, while being the guest editor of CIT, my hardly hidden goal is to persuade the CIT readers to join us at the ITI'96, this time I hope, in full peace.

Damir Kalpić