MIPRO\(^1\) (MIcro and PROcessor) is both the name of the Croatian Society for Information and Communication Technology, Electronics and Microelectronics, and the name of the international convention organized by this society. The Croatian Society for Information and Communication Technology -MIPRO was established in 1978 with the mission of disseminating research findings and providing a space where experts from different field can collaborate, thereby creating a virtuous circle that advances human knowledge. For over three decades now, MIPRO has held its international convention to help meet its mission to support collaboration by providing an opportunity for minds to meet.

The 32\(^{\text{nd}}\) International MIPRO Convention took place in the coastal city of Opatija from May 25 to 29, 2009 at the Grand Hotel Adriatic Convention Center and Hotel Admiral in Opatija. The Convention consisted of scientific and professional conferences, as well as tutorials, invited lectures, round tables and expert presentations. The convention also had an ICT and electronic equipment exhibition which offered technical solutions and services.

This year MIPRO consisted of 11 separate conference streams, producing 324 papers that were published in the conference proceedings. The conference stream “Computers in Education”, for example, consisted of 84 research and professional papers that were accepted by our panel of international reviewers and published. Additionally, this stream had two invited speaker and three presentations.

The conference was organized by the MIPRO, under the auspices of:

- The Ministry of Science, Education and Sports of the Republic of Croatia
- The Ministry of the Sea, Transport and Infrastructure of the Republic of Croatia
- The Croatian Chamber of Economy
- The County of Primorsko-Goranska
- The City City of Rijeka
- The Croatian Telecommunications Agency

and IEEE Region 8.

The keynote speakers for the Computers in Education Conference (CE) were Frank Kappe from the Institute for Information Systems and Computer Media in Graz, Austria and Jadranka Sunde from the Defence, Science and Technology Organization, Edinburgh, SA Australia.

The first Computers in Education (CE) conference organised under MIPRO was held in 1997, with 7 contributed papers in the Croatian language only. From 1998, English was added as an official language and since then, the number of papers contributed has grown steadily from 17 that year; 24 in 1999, 25 in 2000, to 84 in 2009. In 2001, reviewing by two independent reviewers was introduced.

Computer science professionals from primary school to university level studies, as well as teachers of other subject areas who use computers in class participated in the conference. Teachers were able to share professional experiences and learn from one another at this conference. The conference was also attended by others who have experiences in lifelong or continuous education, kindergarten to third age education, educational organization and software and hardware maintenance.

The participants were enthusiastic and left the convention satisfied with the experience. We would like to think their satisfaction was due to the interesting variety of topics and an excellent organization. Of course, the fact that the MIPRO Conference is always held in the beautiful city of Opatija the last week of May also affectively adds to the positive academic environment.


The following selected papers, published in this special issue of International Journal of Emerging Technologies in Learning (iJET), provides readers an insight into this year’s topics.

Prof. Dr. Marina Cicin-Sain
MIPRO CE Publication Chair

\(^1\) More can be found at www.mipro.hr.