

EDITORIAL

Dear readers,

The issue no. 1-2/2003 of the AUTOMATIKA journal contains nine relevant papers selected at the 10th International Conference EPE-PMC 2002, held in Cavtat, Republic of Croatia in 8-12 September 2002 (10th International POWER ELECTRONICS and MOTION CONTROL Conference).

This well known European conference, held biannually, each time in another central European country, was organised by the Faculty of Electrical Engineering and Computing to the University of Zagreb, by our publisher KoREMA and the Dubrovnik Polytechnic, in cooperation with the EPE - PEMC Council, located in Budapest and EPE Secretariat (European Power Electronics and Drives Association) having headquarters in Brussels. The conference proceedings and CD-ROM contain 450 papers in English; there are 1256 authors and co-authors from 54 countries of the world and five continents. Some more relevant pieces of information you may find in the issue no. 3-4/2002 of our journal.

Nine papers published in the current issue of AUTOMATIKA refer to the following subjects: Motion Control (3 papers), Sensing and Observing (2 papers), and one paper each in the field of: Special Session on Present Status of Power Devices and Future, Control of Converters Application of Power Electronic System and Industrial Drive Systems. There are six original scientific papers, one paper each referring to review, professional paper and preliminary communication.

Three of nine papers have been written by domestic authors: two papers signed by collaborators of the holding KONČAR, Zagreb, as a general sponsor of the Conference, and authors of the third paper comes from the Faculty of Electrical Engineering and Computing, Zagreb. In 2004, the company: Končar-Elektronika i informatika d.d. (INEM) is celebrating a jubilee - 30th anniversary of its foundation. Their internationally evaluated results may be recognised in the professional paper and features on the cover pages of this issue of AUTOMATIKA. Editorial staff of the AUTOMATIKA journal presents their compliments to all the generations of employees to INEM, and has the honour to express warmest congratulations on the occasion of a jubilee - the 30th anniversary of the holding!

The section »Electronics in Words and Pictures« presents new trends in digital electronics applications, as follows:

- application of digital signal processing in mobile communications,
- proposed standard for embedded computer systems based on PC architecture.

The standards of company quality control: ISO 9001: 1994, featuring different views regarding usefulness and achievements, are of no effect by the end of 2003 onwards.

In the section »Comments an Opinion« - company organization system to new standards: ISO 9000: 2000 has been discussed. New standards might lead to a quality control enhancement because the old system is being replaced by the new company control system - like an organism - which is permanently learning and adapting to modifications in the environment and is improving constantly.

We have pleasure to inform our renowned, new and potential authors that the Editorial staff of the Automatika journal has modernised and simplified **Instructions to authors** that have already been printed in this issue.

Editor-in-chief
Prof. Borivoje RAJKOVIĆ, Ph.D