

News

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The IEEE European Workshop on Computer-Intensive Methods in Control and Signal Processing

The workshop, devoted to the central question addressed “Can We Beat the Curse of Dimensionality?”, was held in September 7–9, 1994 in Prague, Czech Republic by the Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic and the School of Engineering & Information Sciences, University of Reading, UK. Ten invited speakers and about fifty other participants took part in the Workshop.

Interdisciplinary background of the participants were properly reflected in the fields of the invited speakers – leading specialists from all over the world:

- neural networks – George Cybenko (USA), Věra Kůrková (Czech Republic), John C. Mason (England)
- realization theory – Anders Lindquist (Sweden)
- large scale control problems – Volker Mehrmann (Germany), Dragoslav Šiljak (USA)
- estimation theory – Giovanni Di Masi (Italy), Igor Vajda (Czech Republic)
- complexity analysis of control problems – Katalin Hangos (Hungary)
- optimization – Leonid Faybusovich (USA).

Overall quality of invited and contributed papers can be safely classified to be above usual standard: the risky attempt to make a problem oriented workshop seems to be successful. The best paper prize was awarded by the private Foundation for Science, Technology and Education at the closing session of the Workshop to the papers by George Cybenko (USA) and Rudolf Kulhavý & František Hrnčíř (the Czech Republic).

Participants and their accompanying persons enjoyed friendly atmosphere of the workshop as well as the social programme prepared by the organizers that included welcome party, sightseeing tour, and common dinner in a lovely environment of Nebozizek Restaurant.

A few remaining preprints (350 pp.) can be ordered at authors' address.

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