

Symposium

INFORMATION PROCESSING — MODERN PERSPECTIVES

in honour of the 75th birthday of

ACADEMICIAN ARTO SALOMAA

May 25, 2009, Turku, Finland

Academician Arto Salomaa is one of the most recognized scientists in Finland and a world leader in theoretical computer science. This one-day seminar is organized to honour his unique contributions to, and tremendous influence on, theory of computation.

A number of renowned researchers in computer science, all friends and collaborators of Arto Salomaa, will present their visions of various areas of information processing. The talks will be of tutorial style, and hence accessible to a broad audience.

The symposium is supported by University of Turku, Academy of Finland, Finnish Academy of Sciences and Letters, and Turku Centre for Computer Science. It takes place under the auspices of Academia Europaea and European Association for Theoretical Computer Science. The organizers are Prof.J.Karhumäki (Turku, Finland) and Prof.G.Rozenberg (Leiden, the Netherlands), and it is chaired by Prof. G.Rozenberg.

Program: (in Auditorium, PharmaCity)

- 9.00 **Opening, Prof. Keijo Virtanen, Rector of University of Turku**
- 9.15 **Introduction, Prof. Grzegorz Rozenberg, Member of AE, University of Leiden**
- 9.30 **Prof. Hermann Maurer, Member of AE, University of Graz**
How information technology is influencing how we live and learn
- 10.30 **Coffee Break**
- 10.45 **Prof. Cristian Calude, Member of AE, University of Auckland**
Randomness, Logic, and Computation
- 11.45 **Prof. Emo Welzl, Member of AE, ETH Zurich**
Satisfiability - Combinatorics and Algorithms
- 12.45 **Lunch break**
- 14.15 **Greetings, Prof. Markku Mattila, President of Academy of Finland**
- 14.30 **Prof. Tao Jiang, University of California, Riverside**
Discovering regulatory motifs from both DNA sequence and gene expression data
- 15.30 **Coffee Break**
- 15.45 **Prof. Juhani Karhumäki, Member of AE, University of Turku**
The impressive past, the golden days, and the bright future of automata theory
- 16.45 **Prof. Sheng Yu, University of Western Ontario**
Recent research by Arto Salomaa
- 17.45 **Closing, Grzegorz Rozenberg, Arto Salomaa.**
- 18.00 **End of the symposium**



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