

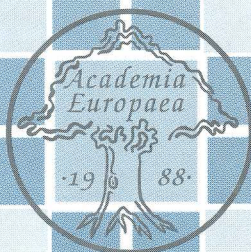


Stichting Mathematisch Centrum

Vijftig
jaar

SMC/AE SYMPOSIUM ON INFORMATICS

11-12 April 1996



The SMC/AE Symposium on Informatics is organized on the occasion of the 50th anniversary of the Stichting Mathematisch Centrum.

The meeting will take place in Amsterdam on April 11 (full day) and April 12 (afternoon only).

The invited speakers are all members of the section on Informatics of the Academia Europaea, which will have a meeting in Amsterdam on April 12th.

The first day of the symposium will be held at the CWI and will highlight developments in fundamental informatics. The second day will be held at the Trippenhuis (Kloveniersburgwal 29, Amsterdam and home to the Royal Netherlands Academy of Arts and Sciences) and will focus on the importance of informatics research for contemporary society.

Participation is free for everyone interested, though preregistration is required. The program of the symposium follows below.

PROGRAM

Symposium chair: J.W. de Bakker

Thursday April 11 - CWI

Session chair: J.W. de Bakker

09.30 Opening

09.40 - 10.30 R. Milner (Cambridge), Calculi for Interactive Behaviour

10.30 - 11.20 A. Razborov (Moscow), Lower Bounds for Propositional Proofs

11.20 - 11.50 Break

11.50 - 12.40 B. Buchberger (Linz), Future Directions in Symbolic Math Systems: Combining Algebra and Logic

12.40 - 14.00 Lunch

Session chair: C.A.R. Hoare

- 14.00 - 14.50 G. Berry (Sophia Antipolis), The Esterel Language: from Mathematical Semantics to Industrial Applications
- 14.50 - 15.40 A. Salomaa (Turku), Patterns and Pattern Languages
- 15.40 - 16.10 Break
- 16.10 - 17.00 K. Mehlhorn (Saarbrücken), The LEDA Platform of Combinatorial and Geometric Computing

Friday April 12 - Trippenhuis

Session chair: W. Brauer

- 13.30 - 14.10 M. Broy (Munich), The Role of System Modeling in Science and Society
- 14.10 - 14.50 I. Havel (Prague), Sending Messages to Unknown Recipients
- 14.50 - 15.20 Break
- 15.20 - 16.00 D. Bjoerner (Macao), Software Support for Infrastructure Systems: Research Issues in an Enabling Technology for a Developing World
- 16.00 - 16.40 G. Kahn (Sophia Antipolis), Computer Science and Computer Technology
- 16.40 Reception

THE ACADEMIA EUROPAEA

The Academia Europaea was founded in 1988 as an independent organization of European scholars. It covers the whole range of disciplines, from the humanities to the technical and medical sciences. It is an academy for all of Europe, dealing with European problems, and with an emphasis on the interdisciplinary approach.

It has a membership of 1,600 leading scholars from 33 countries of Europe. It held plenary meetings in London (1989), Strasbourg (1990), Heidelberg (1992), Budapest (1993), Parma (1994), and Krakow (1995). The 1996 meeting will be in Barcelona.

The Academia Europaea is organized in a number of sections, including a section on informatics. This section has at present 36 members from 14 countries. The committee of the section consists of Jaco de Bakker (chair since 1994), Dines Bjoerner, Manfred Broy, Bruno Buchberger, Robin Milner and Maurice Nivat. Past chair of the committee is Tony Hoare (1989-1994).

OFFICERS

President	Hubert Curien
Vice-Presidents	David Magnusson, Jürgen Mittelstrass, David Phillips
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Executive Secretary	Peter Colyer The Academia Europaea 31, Old Burlington St. London W1X 1 LB UK Fax: +44.171.287.5115
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REGISTRATION FORM



Name _____

Initials _____

Affiliation _____

Address _____

Tel. _____

Fax _____

Email _____

registers for the SMC/AE Symposium on Informatics,
organized on the occasion of the 50th anniversary of the
Stichting Mathematisch Centrum.

_____ ☐ I will attend sessions on:

- ☐ Thursday, April 11th
☐ Friday, April 12th

_____ ☐ Mail this form to:

Ms. M. Bruné
CWI
P.O.Box 94079
1090 GB Amsterdam, The Netherlands
Fax +31.20.592.4199

or send an email with the above details to: mieke@cw.nl

SYMPOSIUM VENUES

Thursday 11 April - CWI

The first day of the Symposium takes place at the CWI - Centrum voor Wiskunde en Informatica, Kruislaan 413, Amsterdam. Directions to get there will be sent to you after we have received your registration form. You can also find the directions on the World Wide Web: http://www.cwi.nl/cwi/reaching_cwi.html

Friday 12 April - Trippenhuis

The second day of the Symposium will be held in the Trippenhuis, home to the Royal Netherlands Academy of Arts and Sciences, Kloveniersburgwal 29, Amsterdam. The Trippenhuis is easily accessible with public transport (metrostation Nieuwmarkt). After having received your registration form you will also be sent directions to get to this symposium venue.

SMC's 50th ANNIVERSARY

In the course of 1996 several events will be organized to commemorate the 50th anniversary of the Stichting Mathematisch Centrum.

◆ Mathematics Conference 'SMC50', February 6–7

◆ Official Anniversary Symposium, February 8

◆ Reunion and Anniversary Party, February 9

◆ Lectures by: D.E. Knuth and B.B. Mandelbrot, March 12

◆ SMC/AE Symposium on Informatics, April 11–12

◆ Mathematical Problem Solving Contest for high school students

◆ International Symposium 'Interoperability of Software Systems'

Contact for further information:

Margriet Brouwer
CWI
Kruislaan 413
1098 SJ Amsterdam
The Netherlands
email: margriet@cw.nl
Fax: +31.20.592.4199
Tel.: +31.20.592.4253

or check our www-pages at <http://www.cwi.nl/Jubileum>