



Centrum Wiskunde & Informatica

# *INVITATION*

Friday 23 May 2008

## CWI Lectures in Mathematics and Computer Science 2008 25 Years of Concurrency Theory at CWI

The SEN2 group at CWI has played a prominent role in concurrency theory since the early 80's, with an emphasis on algebraic techniques for the specification and verification of software systems. Five consecutive leaders of SEN2 started research groups at Dutch universities. Now that concurrency theory is so well established in The Netherlands, CWI has decided to shift the focus of SEN2 to service-oriented computing.

This workshop celebrates the achievements of 25 years of concurrency theory, and looks ahead to the next 25 years.



## **Jos Baeten**

Jos Baeten was the head of SEN2 until 1991, when he became Professor of Theoretical Computer Science at Eindhoven University of Technology. There he has built a large research group in formal methods.

## **Gerard Holzmann**

Gerard Holzmann developed at Bell Labs the SPIN model checker, which in 2001 was awarded the ACM System Software Award. Since 2003 he is leading the NASA JPL Laboratory for Reliable Software. He is JPL Fellow, and member of the US National Academy of Engineering.

## **Jan Bergstra**

Jan Bergstra was involved in SEN2 from the start. In 1985 he was appointed Professor in Programming and Software Engineering at the University of Amsterdam, and Professor in Applied Logic at Utrecht University. His research covers lambda-calculus, process algebra, abstract data types, and more recently program algebra. He is visiting Professor at the University of Wales Swansea.

## **Moshe Vardi**

Moshe Vardi is Karen Ostrum George Professor in Computational Engineering at Rice University since 2000. His research covers database theory, finite-model theory, knowledge in multi-agent systems, computer-aided verification and reasoning, and teaching logic across the curriculum. He was awarded three IBM Outstanding Innovation Awards, and is member of the US National Academy of Engineering.

In 2006, Gerard Holzmann and Moshe Vardi were awarded the ACM Kanellakis Theory and Practice Award for their pioneering work on verification tools for software and hardware.



## Programme

12:30 hours	Reception and lunch ( <i>oyer Turingroom</i> )
13:30-13:40	Introduction Jan Karel Lenstra
13:40-14:00	Jos Baeten ( <i>intro Wan Fokkink</i> )
14:00-14:45	Gerard Holzmann ( <i>intro Jaco van de Pol</i> )
14:45-15:00	Break
15:00-15:45	Jan Bergstra ( <i>intro Jan Friso Groote</i> )
15:45-16:30	Moshe Vardi ( <i>intro Frits Vaandrager</i> )
16:30 hours	Closing drinks

## You are cordially invited!

Please register by using the enclosed card or by filling out the online registration form at [www.cwi.nl/lectures2008](http://www.cwi.nl/lectures2008).



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Centrum Wiskunde & Informatica

Founded in 1946, CWI is the Dutch national research center for mathematics and computer science. Positioned at the crossroads of knowledge, it is an incubator for senior academic researchers. Our strength is the discovery and development of new ideas in mathematics and computer science, to bring them to The Netherlands, and to transfer them to science and industry.

CWI research is concentrated in four strategic research themes: earth and life sciences, the data explosion, societal logistics and software as service. Researchers study the strongly interrelated core of mathematics and computer science: algorithmic mathematics, including modelling, analysis, simulation and optimization, and fundamental informatics, including complexity theory and algorithms, software technology, and database systems.

CWI, Centrum Wiskunde & Informatica, is an institute of NWO, the Netherlands Organisation for Scientific Research.

**[www.cwi.nl](http://www.cwi.nl)**

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**I will join the CWI Lectures on 23 May 2008**

Name

Title

Initials

M/F

Organization

Department

Position

Address

Postal code

Town

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