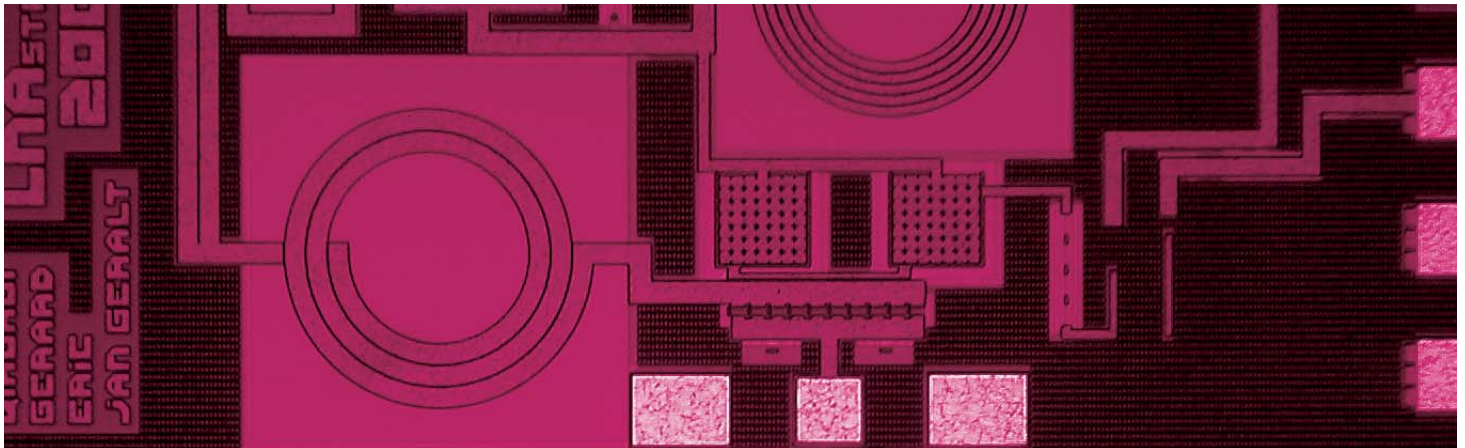


Call for Posters



November 26-27, 2009

Veldhoven, The Netherlands



SAFE 2009

Microsystems, Materials,
Technology and RF-devices

Workshop focuses on the technology and functionality of transistors, sensors and actuators

ProRISC 2009

Circuits, Systems
and Signal Processing

Workshop focuses on circuit and system design, signal processing and their applications

General information

► This year SAFE and ProRISC will be held on November 26-27 in Veldhoven, the Netherlands. The aim of the SAFE and ProRISC workshops is primarily to bring together researchers from universities, institutes and industry, and to serve as a platform for discussion in the fields of IC-technology and -manufacturing. The informal ambience of the workshop makes it the ideal place for young PhD students to take their first steps in presenting their research. At the workshop young PhD students and Postdocs get the chance to interact and establish contacts with colleagues from Germany, Belgium, Luxembourg, France as well as the Netherlands. The majority of the submitting authors will present their work by means of a poster and a flash presentation while some of them will be invited to elaborate on their work in an oral presentation. The organisation committees would therefore like to invite young PhD researchers to submit an abstract before July 5. Senior researchers are also welcome to present an overview of recent work they have already published fragmentary in journals or in (international) conference proceedings. The SAFE and ProRISC workshops are held in complete parallel sessions and one combined session. For further information on these workshops see the websites www.stw.nl/programmas/prorisc and www.stw.nl/programmas/safe.

Format of the workshops

► During both days the general format of the workshop will consist of tutorial sessions by invited speakers and poster presentations and/or demonstrations of the latest research results. All posters authors are required to give a short flash presentation of their work.

Areas of interest

► **SAFE** _ Amorphous silicon devices, Chemical mechanical polishing, Device modeling, Dielectrics, Emerging technologies, Integrated circuit technology, Interconnect, MEMS, Microcavity lasers, Micro-electronics, Micro actuators, Microsystems, Multi-chip modules, Noise, Memories, Novel packaging concepts, Opto-electronics integration, Packaging, Poly-silicon devices, Process modeling, RF electronic devices, Rapid thermal processing, Reliability, RF-applications, RF-technology for telecom systems, Semiconductor-based micro sensors, SOI, Semiconductor devices, SiGe devices, Micro total analysis systems, Multi-chip modules, Solar cells, TFT's, Wafer bonding, CMP, Durability, Integrated sensors, Integrated actuators, Smart sensors, Micro-electromechanical systems, Micro-machining, μ TAS (= Micro Total Analysis Systems), Multi-chip sensor modules, Modelling, Packaging, Rapid thermal annealing, Reliability, Wafer bonding, etc.

► **ProRISC** _ Adaptive and selective filtering, Algorithmic design, Application driven design strategies, Architectural synthesis, Asynchronous circuits and systems, Behavioural models and their formal definitions, CAD for signal processing, Cellular automata and neural networks, Design environments and frameworks, Design for test, Design for reliability and for manufacturability, Design of analogue and mixed signal circuits and systems, Efficiency of design strategies, Embedded systems design, Estimation and identification, Formal verification, Hardware-software co-design, Image processing, Layout synthesis and extraction, Logic design and verification, Low power aspects of design, (Medical) signal processing, Pattern recognition, Physical design, Scheduling and code generation for embedded system architectures, Sensor interfacing, Sensor networking, Signal processing, Simulation (behavioural-, logic-, circuit-, mixed signal- and mixed level), Speech processing, Testing techniques and reliability issues, Video processing, VLSI-design technology.

Programs

► The contents of the program have not been finalised yet, but the following talks have already been confirmed:

- The evening program: **prof.dr.ir. R. Dekker**
- Combined session: - **prof.dr.ir. K.A.A. Makinwa**
- **dr.ir. P. Heysters**

► ProRISC

Prof.dr.ir. G. de Haan

► SAFE

Dr. A. Avellan

Dr. F. Schwierz

Christofer Hierold

Proceedings

► All the contributions (oral presentations and posters) of the workshops are collected in the proceedings which will be available at the beginning of the workshop(s). These proceedings will be published on a CD-ROM by STW.

Fee

	regular	students
November 26-27	275 *	220 *
one day only	80	50

* including dinner and overnight stay

Time schedule

July 5	Deadline for posters submissions
September 7	Notification of acceptance
September	Final program
October 15	Deadline proceedings
November 26-27	SAFE 2009
November 26-27	ProRISC 2009

You can register from June 1

Websites

► The latest information about the workshops can always be obtained from our websites: www.stw.nl/programmas/safe and www.stw.nl/programmas/prorisc



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Abstract submission guidelines

► Submissions imply the intent of at least one author to register, attend the symposium, and present the paper in poster format. Below is important information for authors; please follow these instructions before submitting an abstract.

An abstract MUST consist of the following items:

1. **Abstract title**
2. **Author listing** (all authors, principal author first), postal address, telephone, fax, and e-mail address.
3. **Key words**, list a maximum of five key words.
4. **Abstract text** A one page summary of approximately 300 words should provide information about:
 - _ PURPOSE: State the relevance of the research problem, the research goal, context and intended or possible applications
 - _ MATERIALS AND METHODS: State the materials and methods applied in the research and the approaches presented in the poster
 - _ RESULTS: Describe the obtained research results presented in the poster
 - _ NEW WORK: What is new work, state the progress made with respect to e.g. another paper or (last year's) presentation
 - _ CONCLUSIONS: statement of the conclusions reached in the presentation/paper
 - _ REFERENCES: one or two references to related or cited work
5. **Figures** You may include figures on a second page for a maximum of one page.

If accepted, a full paper on the topic will have to be prepared for publication in the workshop proceedings. All principal authors are expected to introduce their poster in a flash presentation.

Please submit your abstract before July 5 via the websites:

www.stw.nl/programmas/prorisc/abstract

www.stw.nl/programmas/safe/abstract

Program committees

► ProRISC

Prof.dr.ir. D. Stroobandt <i>chairman</i>	Ghent University
Dr. Y. D'Asseler	Ghent University
Dr.ir. G.N. Gaydadjiev	Delft University of Technology
Ir. J.A. Huisken	Holst Centre / IMEC Nederland
Dr.ing. E.A.M. Klumperink	University of Twente
Dr.ing.T.G. Noll	Rheinisch Westfälische Technische Hochschule Aachen
Prof.dr. J. Pineda de Gyvez	Eindhoven University of Technology
Prof.dr.ir. G.J.M. Smit	University of Twente

► SAFE

Prof.dr. P.J. French <i>chairman</i>	Delft University of Technology
Prof.dr. W. Krautschneider	University of Hamburg
Prof.dr. L.K. Nanver	Delft University of Technology
Prof.dr.ir. M.C.M. v.d. Sanden	Eindhoven University of Technology
Prof.dr. J. Schmitz	University of Twente
Dr. A. Witvrouw	IMEC

Organisation ProRISC and SAFE

Dr. P.C. Schuddeboom	STW
Dr. W.H. Segeth	STW
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► Technology Foundation STW

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stw-reference _ 2009/07142/STW