

About SAFECOMP



Since it was established in 1979 by the European Workshop on Industrial Computer Systems, Technical Committee 7 on Safety, Reliability and Security (EWICS TC7), **SAFECOMP** has contributed to the progress in high integrity applications of information technologies.

SAFECOMP is an annual event organised as a one-stream programme over two and a half days covering the state of the art, experience and new trends in the areas of safety, security and reliability of critical IT systems and applications. It provides a platform for knowledge and technology transfer for researchers, industry (suppliers, operators, users), regulators and certifiers of such systems. The conference will be preceded by a day of tutorials.

SAFECOMP provides ample opportunity to exchange insights and experiences on emerging methods and approaches and practical solutions across the borders of different disciplines.

Information on previous **SAFECOMP** editions can be found at www.safecomp.org.

Scientific Sponsor



European Workshop
on Industrial Computer Systems
Technical Committee 7
(Safety, Reliability, Security)

In collaboration with

Scientific Co-Sponsors



European
Network of
Clubs for
REliability and
Safety of
Software



IAG
INFORMATION ASSURANCE GROUP

Venue



Gdansk, the world's centre of amber, is a city with more than 1000 years of history. Situated between several major cultures and often at political frontiers it has sometimes been a flash point of conflicts, but also the catalyst of new ideas, including the *Solidarity* movement in 1980. It is situated on the edge of the Baltic Sea with beautiful beaches, a marvelous old town and an unique Kashubian culture, tradition and crafts.



Gdansk is easily accessible. Its airport is directly connected to major hubs including London, Copenhagen, Frankfurt, Munich and Warsaw. Intercity train connections link Gdansk with Berlin, Warsaw, Krakow and Poznan.

The Conference will be held in the Holiday Inn Hotel in Gdansk. This is a 4-star hotel situated right next to the Gdansk Old City. It features a large and well equipped conference room and all facilities expected from an establishment of this class. The hotel is located in the commercial and cultural centre of the city and is very easily accessible, regardless of which means of transportation were used to reach Gdansk.



A number of rooms will be available in the Holiday Inn Hotel at a reduced rate. Several other hotels located in the vicinity of the Old City and in Gdansk will be recommended as well. Details are available from the conference website.

Important Dates



Abstract submissions:	3 February 2006
Full paper submissions:	10 March 2006
Notification sent to authors:	12 May 2006
Camera ready submissions:	16 June 2006
Tutorial proposal submissions:	14 April 2006

Conference Secretariat



Gdansk University of Technology
Department of Software Engineering
11/12 Narutowicza St.
80-952 Gdansk

tel. +48 58 347 14 64
tel./fax +48 58 347 27 27
e-mail: safecomp2006@eti.pg.gda.pl

SAFECOMP'2006

The 25th International Conference
on Computer Safety, Reliability and Security

26-29 September 2006
Gdansk, Poland



CALL FOR PAPERS



EWICS TC7
www.ewics.org



Gdansk University
of Technology

<http://kio.pg.gda.pl/safecomp2006>

EWICS Chair: Udo Voges, Germany

Organising Committee

Janusz Górski, Poland (Co-Chair)

Aleksander Jarzębowicz, Poland (Co-Chair)

Janusz Czaja, Poland

Grzegorz Gołaszewski, Poland

Ala Kortas, Poland

Jakub Miler, Poland

Marcin Olszewski, Poland

Program Chair: Janusz Górski, Poland

International Programme Committee

Stuart Anderson, UK
Ramesh Bharadwaj, USA
Andrzej Białas, Poland
Robin Bloomfield, UK
Sandro Bologna, Italy
Andrea Bondavalli, Italy
Bettina Buth, Germany
Tadeusz Cichocki, Poland
Peter Daniel, UK
Erlend Jonsson, Sweden
Wolfgang Ehrenberger, Germany
Massimo Felici, UK
Robert Genser, Austria
Bjørn Axel Gran, Norway
Wolfgang Grieskamp, USA
Wolfgang Halang, Germany
Monika Heiner, Germany
Maritta Heisel, Germany
Connie Heitmeyer, USA
Ming-Yuh Huang, USA
Chris Johnson, UK
Mohamed Kaâniche, France
Karama Kanoun, France
Floor Koornneef, Netherlands

Peter B. Ladkin, Germany
Jan Magott, Poland
Marcelo Masera, Italy
Odd Nordland, Norway
Simone Pozzi, Italy
Gerd Rabe, Germany
Felix Redmill, UK
Krzysztof Sacha, Poland
Francesca Saglietti, Germany
Erwin Schoitsch, Austria
Jeanine Souquières, France
Werner Stephan, Germany
Mark Suján, UK
Atoosa P-J Thunem, Norway
Jos Trienekens, Netherlands
Meine van der Meulen, UK
Adolfo Villafiorita, Italy
Udo Voges, Germany
Andrzej Wardziński, Poland
Albrecht Weinert, Germany
Marc Wilikens, Italy
Rune Winther, Norway
Eric Wong, USA
Zdzisław Żurkowski, Poland

Scope

SAFECOMP focuses on state-of-the-art and innovative approaches to risk assessment and management from the safety, security and reliability viewpoints. The scope includes IT systems and infrastructures considered critical within their present or emerging contexts. All aspects of dependability and survivability of critical computer-based systems and infrastructures are included. In particular, SAFECOMP emphasises multidisciplinary approaches to deal with the nature of complex critical IT systems and applications.

The leading motto of Safecomp'2006 will be:

New and Emerging IT-related Risks

Examples of topics include:

Application and industrial sectors: Critical Systems and Infrastructures – Grid and Web Services – Aerospace and Avionics – Automotive – Banking and E-commerce – Industrial Process Control – e-Health – Networking and Telecommunication – Open Source Software – Energy Distribution – Railways – Robotics – Integrated Management of Borders – Safety and Security Guidelines and Certification – Safety and Security Standards

Research areas: Safety and Security Risk Assessment – Trust and Assurance Cases – Commercial-Off-The-Shelf – Large Scale Authentication and Identity Management (including Smart Cards, Biometrics and RFIDs) – Dependability Analysis and Modelling – Dependability Benchmarking – Design for Dependability – Diversity – Dependability Aspects of Evolution and Maintenance – Formal Methods – Human Factors – Web-based Systems – System Modelling and Engineering – Qualitative and Quantitative Approaches for Dependability – Dependable Structures and Design Patterns – System of Systems – Verification, Validation and Testing

Paper Submission

SAFECOMP welcomes original work neither published nor submitted elsewhere on both industrial and research experience, including case studies and pilots. Full paper submissions will be subjected to a formal review process.

To assist the reviewing process, an early submission of a short abstract (no more than one page) is encouraged. Abstract and paper submissions are expected via the conference website. Full papers should be submitted in a portable document (pdf) or postscript (ps) formats. Papers must clearly show the name, postal address, email address, phone and fax numbers of the contact author. The maximum length of a paper is 14 pages in the Springer LNCS format. Relevant templates can be found at Springer-Verlag website www.springeronline.com/lncs. All necessary links can be found at the conference website.

The following declaration should be added to the submitted paper:

All necessary clearances for the publication of this paper have been obtained. If accepted, the author will prepare the final manuscript in time for inclusion in the conference proceedings and will present the paper at the conference.

Further information and the instructions about submissions are available on the conference website. The language of all paper submissions and presentations is English and no simultaneous translations will be provided.

Conference Proceedings

After acceptance by the International Programme Committee, the final paper is required in electronic version according to templates provided by the publisher. Accepted papers will appear in the conference proceedings that will be distributed at the conference. The conference proceedings are traditionally published in the series *Lecture Notes in Computer Science (LNCS)* by Springer-Verlag: www.springeronline.com/lncs

Journal Special Issue

Extended and revised versions of the best papers accepted for SAFECOMP are peer-reviewed and submitted to a Special Issue of the international journal *Reliability Engineering and System Safety (RESS)* published by Elsevier: www.elsevier.com/locate/ress

Tutorial Submission

September 26 (Tuesday) is planned as a tutorial day. Tutorial proposals are welcome and should be submitted directly to the Conference Secretariat or via the conference website. A proposal should describe the contents and the relevance to the conference. More details on how to submit a tutorial proposal are available from the conference website.

Sponsors and Exhibitions

Organisations and institutions are invited to become a sponsor of the conference and/or to promote their products during the conference. A dedicated space will be organised for exhibitions and tool demonstrations. The procedure of submitting the expression of interest is provided on the conference website.