

TESTCOM / FATES '07

Tallinn, Estonia

June 26 - 29, 2007



19th IFIP Int. Conference on Testing of Communicating Systems (TESTCOM) and
7th Int. Workshop on Formal Approaches to Testing of Software (FATES)

The International Event for Testing of Software and Communicating Systems
<http://testcom-fates07.ioc.ee>

Conference Organization

Program Committee General Chair:

Alexandre Petrenko, CRIM, Canada (TESTCOM)

Program co-chairs:

Margus Veanes, Microsoft Research, USA (TESTCOM)
Wolfgang Grieskamp, Microsoft Research, USA (FATES)
Jan Tretmans, Embedded Systems Institute, NL (FATES)

Program Committee

Bernhard K. Aichernig, TU Graz, Austria
Paul Baker, Motorola, UK
Antonia Bertolino, ISTI-CNR, Italy
Gregor v. Bochmann, U of Ottawa, Canada
Juris Borzovs, U of Latvia, Latvia
Rachel Cardell-Oliver, U of W. Australia, Australia
Richard Castanet, LABRI, France
Sarolta Dibuz, Ericsson, Hungary
Khaled El-Fakih, American U of Sharjah, UAE
Jens Grabowski, U of Göttingen, Germany
Marie-Claude Gaudel, U of Paris-Sud, France
Rob Hierons, Brunel U, UK
Teruo Higashino, Osaka U, Japan
Dieter Hogrefe, U of Göttingen, Germany
Antti Huima, Conformiq Software Ltd., Finland
Thierry Jéron, IRISA Rennes, France
Ferhat Khendek, Concordia U, Canada
Myungchul Kim, ICU, Korea
Hartmut König, BTU Cottbus, Germany
Victor Kuliainin, ISP RAS, Russia
David Lee, Ohio State U, USA
Bruno Legeard, Leirios, France
Alexander Letichevsky, Institute of Cybernetics, Ukraine
Giulio Maggiore, Telecom Italia Mobile, Italy
Brian Nielsen, U of Aalborg, Denmark
Manuel Núñez, UC de Madrid, Spain
Ian Oliver, Nokia Research, Finland
Doron Peled, U of Bar-Ilan, Israel
Alexander Pretschner, ETH, Switzerland
Harry Robinson, Google, USA
Vlad Rusu, IRISA Rennes, France
Ina Schieferdecker, Fraunhofer FOKUS, Germany
Kenji Suzuki, U of Electro-Communications, Japan
Andreas Ulrich, Siemens, Germany
Hasan Ural, U of Ottawa, Canada
Mark Utting, New Zealand
M Ümit Uyar, City U of New York, USA
Jüri Vain, Tallinn U of Technology, Estonia
Carsten Weise, Ericsson, Germany
Burkhard Wolff, ETH, Switzerland
Jianping Wu, Tsinghua U, China
Nina Yevtushenko, Tomsk State U, Russia
Zheng Zhang, Microsoft Research Asia, China

Steering Committee of TESTCOM

John Derrick, Chairman, U of Sheffield, UK
Ana R. Cavalli, INT, France
Roland Groz, LSR-IMAG, France
Alexandre Petrenko, CRIM, Canada

Local organization

Institute of Cybernetics, Tallinn University of Technology,
and the Department of Computer Science of TUT.
Local organizers: Juhan Ermits, Monika Perkmann,
Jaagup Irve, Ando Saabas, Kristi Uustalu and Tarmo
Uustalu.

Venue

TestCom / FATES will take place in Tallinn, the capital of
Estonia with beautiful Medieval Old Town, in the historical
building of the Brotherhood of the Black Heads, and is co-
located with FORTE 2007.

Call for Papers

For the first time, IFIP TESTCOM and FATES will be conducted jointly in Tallinn in the Summer of 2007. Bringing together the communities of these two established testing events promises to become a major testing event of 2007. We cordially invite you to submit testing related papers and join us in Tallinn!

Scope and objective

TESTCOM is a series of international conferences addressing the problems of testing communicating systems, including communication protocols, services, distributed platforms, and middleware.

FATES is an international series of workshops discussing the challenges of using rigorous and formal methods for testing software systems, such as communication-, control-, embedded-, administrative-, and web-based software.

TESTCOM/FATES'07 aims at being a forum for researchers, developers, testers, vendors, and users to review, discuss, and learn about new approaches, concepts, theories, methodologies, tools, and experiences in the field of testing of software and communication systems.

Topics of interest

- Test derivation, selection, coverage, implementation and execution, test result analysis, test oracles, test management, monitoring and runtime verification, (automatic) partitioning
- Model-based testing and formal frameworks for testing
- Different kinds of testing: functional, interoperability, performance, conformance, security, reliability, robustness, etc.
- Combinations of different testing techniques, and combinations with other validation techniques, e.g. combined verification and testing
- Test tools to support any of the testing activities
- Case studies and industrial applications of testing methods and tools

Submissions

Contributions for TESTCOM/FATES'07 have to be submitted electronically in PDF format via the conference website <http://testcom-fates07.ioc.ee>.

Different kinds of contributions are solicited for TESTCOM/FATES'07: Research papers, application-oriented papers, work-in-progress, position papers, short experience reports, tool demonstrations and tutorial proposals. Accepted full research papers will be published in proceedings by Springer in the LNCS series.

Workshops

There are ample opportunities to organize half- or full-day satellite workshops, related to the main theme of the conference. Proposals for workshops should be sent to the PC chairs at testcom-fates07@ioc.ee by December 20, 2006.

Important dates

- | | |
|--------------------|--|
| February 18 | Submission of abstracts of full research papers |
| February 25 | Submission of full research papers (max 16 pages) |
| April 2 | Notification about acceptance of full research papers |
| April 13 | Camera-ready copy of full research papers |
| April 19 | Submission of work-in-progress, position papers, short experience reports, tool demonstrations, tutorial proposals |
| April 30 | Acceptance notification |