



TC-2

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Call for papers

SET 2006 - IFIP Working Conference on Software Engineering Techniques

<http://www.ia.pw.edu.pl/set06/>

October 17-20, 2006
Warsaw, Poland

SET 2006 will focus on methods, technologies and tools for developing more and more powerful and sophisticated software products. The conference will bring together researchers and practitioners to discuss state-of-the-art software engineering techniques that can help successfully build and maintain highly complex software applications. While the major theme for the conference will be the quality of the software products, the conference program will cover the entire discipline of software engineering. Submissions may address both academic research and industrial experiences, but they must clearly identify the problem and the envisaged solution.

Covered Topics

A non-exclusive list of topics of interest is given below:

- **Software processes** (iterative approach, balancing agile and disciplined engineering, open source development)
- **Requirements engineering** (capturing and specification of requirements, business process modeling, consistency and change management)
- **UML-based modeling** of software systems (semantics of visual languages, consistency of models, model driven development)
- **Software architectures** (distributed, embedded and service-oriented architectures, design and composition patterns)
- **Implementation technologies** (frameworks, application servers, software engineering tools, component-based design, reusability issues)
- **Validation and verification** of software (testing, simulation, prototyping, model-based V&V)
- **Software quality** (quality modeling and evaluation, software quality metrics, risk analysis, safety and security, certification)
- **Formal methods** (application of formal methods to software development)
- **Software maintenance** (refactoring, reverse and re-engineering, configuration management, aspect-orientation)
- **Knowledge based systems** and data warehouses
- **Experience reports** (case studies and comparative assessments, qualitative and quantitative metrics, technology transfer and education)

Paper submissions

Submitted papers must be in English and present original research. All submitted papers must be unpublished and not submitted for publication elsewhere. One author of each accepted paper must attend the conference to present that paper. Papers should be submitted electronically in PDF (preferably) or PS (using Type 1 fonts) format. The proceedings will be published by Springer. Final papers will be in the format specified by Springer at the URL: <http://www.springer.de/comp/lncs/authors.html>.

Final papers shall not be more than 12 pages long. It is recommended that submissions adhere to the specified format and length. Submissions that are clearly too long may be rejected immediately. Prospective authors should submit an electronic copy of their manuscript according to the timetable, by email to: set06@ia.pw.edu.pl.

Important dates

Full paper submission: **April 26, 2006**

Author notification: **June 12, 2006**

Camera-ready copy: **July 10, 2006**

Tutorial day: **October 17, 2006**

Conference start: **October 18, 2006**

Organizers

Krzysztof Sacha – General Chair
Jarosław Deminet
Urszula Kreglewska
Marcin Szlenk – Linkages Chair
Andrzej Zalewski

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Institute of Control
and Computation Engineering

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The Committee on Informatics

