

Registration

Fees and conditions

	Symposium	Half-Day Tutorial
Member*	CHF 300	CHF 200
Non-Member	CHF 400	CHF 260
Student**	CHF 30	CHF 30
Symposium Dinner	CHF 50	

* Members of SI, ITG, ACM, IEEE CS or a CEPIS-Society (CEPIS = Council of European Professional Informatics Societies, e.g.: AFCET, BCS, GI, OCG).

** Student rates are available for full-time students only. Proof of student status is required.

Registrations become effective only after receipt of payment. The symposium registration fees include refreshments and a copy of the proceedings. Tutorial registrations include refreshments and a copy of the tutorial notes.

Cancellations must be made in writing. For cancellations up to February 20, 2004 the total amount will be refunded except a processing charge of CHF 30. Thereafter, the full amount paid will be forfeited. Substitutions may be made any time up to the beginning of the symposium.

How to register

Please register electronically at
<http://www.ifi.unizh.ch/si-se/sise2004/registration.html>

or print, fill and fax the registration form, which is available at http://www.ifi.unizh.ch/si-se/sise2004/registration_form.pdf

Payment

Payment is possible by bank transfer (preferred) or by credit card. For details, see the payment instructions on the registration Web site or the registration form.

Venue

The symposium and tutorials will take place at the Irchel campus of the University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich.

For directions, see
<http://www.ifi.unizh.ch/si-se/sise2004/venue.html>

Accommodation

If you need a hotel, please book online at
<http://www.zurichtourism.ch>

or contact Zurich Tourism at
Phone +41-1-215 40 00, Fax +41-1-215 40 44

Corporate Sponsors

We thank the following organizations for supporting SI-SE 2004:

ELCA • IBM (Switzerland) • ThoughtWorks

Organization

Symposium Chairs

Martin Glinz (University of Zurich)
Hans-Peter Hoidn (IBM, Switzerland)

Symposium Secretary

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The SI-SE 10th Anniversary
Symposium

Components –
The Future of Software
Engineering?

March 18-19, 2004
University of Zurich

<http://www.ifi.unizh.ch/si-se/sise2004>

Sponsored by

Special Interest Group on Software Engineering
of the Swiss Informatics Society

In cooperation with

Department of Informatics, University of Zurich
Fachgruppe Software Engineering der ITG

Symposium Program

Thursday, March 18, 2004

13:45 Welcome

Hans-Peter Hoidn, IBM
Chair of SI-SE
Martin Glinz, University of Zurich
Symposium Chair

14:00 Components – An impossible dream?

David L. Parnas, University of Limerick
(Ireland)

15:15 Break

15:45 Components and their proofs

Bertrand Meyer, ETH Zurich (Switzerland)

17:00 General Assembly of SI-SE

For SI-SE members and interested
guests

19:00 Symposium Dinner

Friday, March 19, 2004

08:30 Eclipse – Evolving towards a general component platform

Erich Gamma, IBM OTI Labs (Switzerland)

09:45 Break

10:15 Business process integration using UML and BPEL4WS

Sridhar Iyengar, IBM Rational Software
(USA)

11:30 Domain semantics in component modeling

Heinz Züllighoven, University of Hamburg and it-wps Inc. (Germany)

12:45 Lunch

14:00 Composition – The future of software engineering!

Oscar Nierstrasz, University of Bern
(Switzerland)

15:15 Break

15:45 Panel: Components - and now? Practical advice for Johnny the software engineer

Chair: Martin Glinz, University of Zurich
(Switzerland)
Panelists: Erich Gamma, Sridhar Iyengar, Bertrand Meyer, Oscar Nierstrasz, David Parnas, Heinz Züllighoven

17:00 End of Symposium

Tutorials

Thursday, March 18, 2004

08:45–12:15

Tutorial I: Component development using agile methodologies

Erik Dörnenburg, ThoughtWorks Ltd. (UK)

This tutorial demonstrates the development of a very small component-based system using agile best-practices and corresponding technologies. The system will comprise a handful of Java classes that exemplify typical components found in enterprise applications. Attendees will gain an understanding of how good component design can be achieved. The tutorial will also examine design considerations for component containers and present the Inversion of Control (IoC) pattern.

Tutorial II: Model driven Web services development using UML, XML, WSDL and BPEL4WS

Sridhar Iyengar, IBM Rational Software (USA)

This tutorial will give an overview of OMG Model Driven Architecture and its key standards: UML, XMI, and MOF and how these standards enable architected development, deployment and integration of web services using OMG, W3C and OASIS standards. Examples of how to use various parts of UML to model XML Schemas, WSDL Definitions, BPEL4WS flows illustrate how you can gain the benefits of interoperability using web services, without abandoning proven principles of software architecture and the use of design patterns.