



Call for Participation GPCE'05
**4th International Conference on
 Generative Programming and Component Engineering**
 Sep 29 - Oct 1, 2005, Tallinn (Estonia)
<http://www.gpce.org/05>
 Sponsored by ACM SIGPLAN, in cooperation with ACM SIGSOFT
 co-located with ICFP'05 and TFP'05



Late Registration Deadline **Sep 02, 2005**
 on-site registration will not be available

Consult <http://www.cs.ioc.ee/tfp-icfp-gpce05/> for registration information

Scope. Generative and component approaches have the potential to revolutionize software development in a similar way as automation and components revolutionized manufacturing. Generative Programming (developing programs that synthesize other programs), Component Engineering (raising the level of modularization and analysis in application design), and Domain-Specific Languages (elevating program specifications to compact domain-specific notations that are easier to write and maintain) are key technologies for automating program development.

Conference program. GPCE'05 received 87 submissions, the PC selected

3 Invited speakers

- Oscar Nierstrasz: Object-oriented Reengineering Patterns
- Oege de Moor: The AspectBench Compiler for AspectJ
- Bernd Fischer: Certifiable Program Generation

25 Papers

2 Demonstrations

- Developing Dynamic and Adaptable Applications with CAM/DAOP: a Virtual Office Application
- Metamodeling made easy - MetaEdit+

GPCE Tutorials giving a deeper or broader insight than conventional

- T1: Multi-stage Programming in MetaOCaml, Sep 27 (Presenters: W.Taha and C.Calcagno)
- T2: Implementing Domain-Specific Modelling Languages and Generators, Sep 28 (Presenter: R.Pohjonen)

GPCE Workshops

- W1: Young Researchers Workshop, Sep 27 (Organizers: D.R.Dechow, D.Foetsch, S.Kiebusch, S.Perugini, M.J.Rutherford and D.Shestakov)
- W2: Second MetaOCaml Workshop, Sep 28 (Organizers: K.Swadi and W.Taha)
- W3: Graph and Model Transformations, Sep 28 (Organizers: G.Karsai and G.Taentzer)

Registration fees include proceedings, reception, lunches and coffee breaks

	Regular	ACM member	Student
early	350 Euro	300 Euro	175 Euro
late	470 Euro	400 Euro	235 Euro

The fees do not include: conference dinner (40 Euro) and registration to workshops (50-70 Euro per workshop) and tutorials.

Important deadlines

- Jul 29, 2005 : Early Registration
- Sep 02, 2005 : Late Registration
- GPCE workshops & tutorials**
Sep 27-28, 2005
- GPCE papers & demos**
Sep 29 - Oct 1, 2005

General chair

Eugenio Moggi

Publicity chair

Eelco Visser

Program committee chairs

Robert Glück

Michael Lowry

Workshops/Tutorials chairs

Jeff Gray, Andrew Malton

Local arrangements chair

Tarmo Uustalu

Program Committee

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Zhenjiang Hu

Patricia Johann

John Launchbury

Anne-Francoise Le Meur

Hong Mei

Nicolas Rouquette

William Scherlis

Yannis Smaragdakis

Walid Taha

Todd Veldhuizen

More info. For comprehensive information on all events taking place in Tallinn (Sep 23 - Oct 01, 2005), registration fees, hotel accommodation, travel and visa, please refer to <http://www.cs.ioc.ee/tfp-icfp-gpce05/>