



**Association for Computing Machinery [ACM]  
 Technical Meeting Request Form (TMRF)**  
*For ACM/SIG Sponsored/Co-Sponsored Conferences*

**Section I - General Meeting Information**  
 Revised: 3/2005

Full Title of Meeting (including year) Generative Programming and Component- Engineering 2006

Acronym of Meeting GPCE'06

Meeting Dates Oct XX - Oct XX, 2006 (in sync with OOPSLA'06) \_\_\_\_\_ Length of Program 5 days

Meeting Facility co-located with OOPSLA'2006

Location (city/state/country) as above

**Meeting type: Symposium**

Frequency: Annual

**Conference type: Sponsored**

*\*If this meeting is co-sponsored, please check with your ACM SIG Liaison to make sure a Joint Agreement is on file.*

List **Sponsoring/Co-Sponsoring** ACM SIG Sub-units and Sponsorship Percentage of financial responsibility

SIGPLAN _____	Sponsorship Percentage <u>100</u> %
SIG _____	Sponsorship Percentage _____ %
SIG _____	Sponsorship Percentage _____ %
SIG _____	Sponsorship Percentage _____ %

List Cooperating ACM Sub-units:

SIGSOFT

List Non-ACM Sponsoring/Cosponsoring Organizations and % of financial responsibility

Non-SIG _____	Sponsorship Percentage _____ %
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Non-SIG _____	Sponsorship Percentage _____ %
Non-SIG _____	Sponsorship Percentage _____ %

List Non-ACM Cooperating Organizations: \_\_\_\_\_

Is sponsorship/cooperation the same as in previous events? YES

\*If the answer is no, please provide further explanation:

\_\_\_\_\_  
 \_\_\_\_\_

Provide a brief outline of topics to be covered

> List taken from Call for Papers

- Generative programming
  - \* Reuse, meta-programming, partial evaluation, multi-stage and multi-level languages, step-wise refinement
  - \* Semantics, type systems, symbolic computation, linking and explicit substitution, in-lining and macros, templates, program transformation
  - \* Runtime code generation, compilation, active libraries, synthesis from specifications, development methods, generation of non-code artifacts, formal methods, reflection
- Generative techniques for
  - \* Product lines and architectures
  - \* Embedded systems
  - \* Model-driven architecture
- Component-based software engineering
  - \* Reuse, distributed platforms, distributed systems, evolution, analysis and design patterns, development methods, formal methods
- Integration of generative and component-based approaches
- Domain engineering and domain analysis
  - \* Domain-specific languages (DSLs) including visual and UML-based DSLs
- Separation of concerns
  - \* Aspect-oriented and feature-oriented programming.
  - \* Intentional programming and multi-dimensional separation of concerns
- Industrial applications

Who is your anticipated audience?

Researchers (including PhD students) and practitioners interested in cutting edge approaches to software development. The aim is to foster cross-fertilization between the software engineering research community and the programming languages community.

How will papers be solicited?

Through general announcements distributed electronically or at related conferences and workshops. These announcements will refer to the GPCE'06 website <http://www.gpce.org/06>, which contains detailed Calls for Papers, Demonstrations, Tutorials and Workshops.

How will papers be selected?

Papers and Demonstrations will be selected by the Program Committee through a review process, with at least 3 reviewers per paper.

Will there be:

Tutorials? Yes

If yes, how many full-day and/or half-day? there will be an open call for workshop and tutorial proposals

Proceedings? Yes

If yes, what will the number of pages be? At most 450

what is the maximum number of papers? 27

what is the maximum number of pages per paper? 10

Published by ACM

Yes (still subject of final approval by GPCE SC)

Sold by ACM? Yes

Sold by other Organizations? No

Will ACM hold copyright? Yes

If no, who will hold copyright? \_\_

Will this be a SIG Newsletter? do not know yet Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, which SIG(s) \_\_\_\_\_

Will there be a Proceedings CD Rom? Yes

Sold by ACM? Yes \_\_\_\_\_

Sold by other Organizations? No \_\_\_\_\_

Will technical sessions be recorded? do not know yet Yes \_\_\_\_\_ No \_\_\_\_\_

Will technical sessions be videotaped? do not know yet Yes \_\_\_\_\_ No \_\_\_\_\_

Will there be other conference products? do not know yet Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, please list - \_\_\_\_\_

\_\_\_\_\_

Will there be a conference evaluation?

If yes, what will it include? - \_\_\_\_\_

\_\_\_\_\_

Submitted by Stanislaw Jarzabek Committee Position GPCE General Chair

E-mail Address: [dcssj@nus.edu.sg](mailto:dcssj@nus.edu.sg)

Phone Number: (65) 68742863 Fax Number: (65) 6779 4580

Address S16-06-21, Computer Science Department,

National University of Singapore, Singapore 119260.

When is the best time for an ACM to contact you regarding the budget for this meeting? \_\_\_\_\_

### **Committee Information**

\*Following the conference an ACM Certificate or Recognition will be issued to the Chair(s) and the Program Chair(s) based on the information provided which must include mailing address. If this information is not submitted certificates can not be issued.

#### **General Chair**

Name: Stanislaw Jarzabek

Employer: National University of Singapore

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ACM's Membership Number: : 9894304

Treasurer Name SAME AS GENERAL CHAIR

#### **PC Co-Chair**

Name: Doug Schimdt

Employer: ISIS, Vanderbilt University

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**PC Co-Chair(s)**

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**Registration Chair**

Name: \_\_\_\_\_  
Employer: \_\_\_\_\_  
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Business Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
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**Publicity Chair**

Name: Eelco Visser  
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**Local Arrangement Chair**

Name: \_\_\_\_\_  
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Mailing Address: \_\_\_\_\_

Business Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
ACM's Membership Number: \_\_\_\_\_

**Exhibits Chair**

Name: \_\_\_\_\_  
Employer: \_\_\_\_\_  
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**Workshop and Tutorials Chair**

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**Workshop and Tutorials Chair**

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**This completes Section I of the TMRF**

**NOTE:** If you would like an ACM/SIG Budget Operations Coordinator to assist you in preparing a conference budget please indicate that in your email note to [Nichols@acm.org](mailto:Nichols@acm.org) along with the completed Section I.

If you have chosen to fill out the TMRF without the assistance of an ACM/SIG Budget Operations Coordinator, please complete Sections I, II & III and submit that to [Nichols@acm.org](mailto:Nichols@acm.org). Please note, that Section III must be signed and faxed to 1-212-302-5826.

**ACM/SIG Services Department Fax Number 1-212-302-5826/ Attn: Maritza Nichols  
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