CALL FOR PAPERS

WGP 2012

8th ACM SIGPLAN Workshop on Generic Programming
Copenhagen, Denmark
Sunday, September 9th, 2012

`http://www.wgp-sigplan.org/2012`

Co-located with the International Conference on Functional Programming (ICFP 2012)

Goals of the workshop

Generic programming is about making programs more adaptable by making them more general. Generic programs often embody non-traditional kinds of polymorphism; ordinary programs are obtained from them by suitably instantiating their parameters. In contrast with normal programs, the parameters of a generic program are often quite rich in structure; for example they may be other programs, types or type constructors, class hierarchies, or even programming paradigms.

Generic programming techniques have always been of interest, both to practitioners and to theoreticians, and, for at least 20 years, generic programming techniques have been a specific focus of research in the functional and object-oriented programming communities. Generic programming has gradually spread to more and more mainstream languages, and today is widely used in industry. This workshop brings together leading researchers and practitioners in generic programming from around the world, and features papers capturing the state of the art in this important area.

We welcome contributions on all aspects, theoretical as well as practical, of generic programming, programming with (C++) concepts, meta-programming, programming with type classes, programming with modules, programming with dependent types, type systems for generic programming, polytypic programming, adaptive object-oriented programming, component-based programming, strategic programming, aspect-oriented programming, family polymorphism, object-oriented generic programming, implementation of generic programming languages, static and dynamic analyses of generic programs, and so on.

Program Committee

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Proceedings and Copyright

We plan to have formal proceedings, published by the ACM. Authors must transfer copyright to ACM upon acceptance (for government work, to the extent transferable), but retain various rights (`http://www.acm.org/publications/policies/copyright_policy`). Authors are encouraged to publish auxiliary material with their paper (source code, test data, etc.); they retain copyright of auxiliary material.

Submission details

Deadline for submission:	Friday	**2012-06-01**
Notification of acceptance:	Wednesday	2012-06-27
Final submission due:	Tuesday	2012-07-10
Workshop:	Sunday	2012-09-09

Papers should be submitted via EasyChair at

`https://easychair.org/conferences/?conf=wgp2012`

Submitted papers should be in portable document format (PDF), formatted using the ACM SIGPLAN style guidelines (two-column, 9pt). The length is restricted to 12 pages.

Travel support

Student attendees with accepted papers can apply for a SIGPLAN PAC grant to help cover travel expenses. PAC also offers other support, such as for child-care expenses during the meeting or for travel costs for companions of SIGPLAN members with physical disabilities, as well as for travel from locations outside of North America and Europe. For details on the PAC program, see its web page (`http://www.sigplan.org/PAC.htm`).

History of the Workshop on Generic Programming

Earlier Workshops on Generic Programming have been held in Tokyo, Japan 2011 (affiliated with ICFP11), Baltimore, Maryland, US 2010 (affiliated with ICFP10), Edinburgh, UK 2009 (affiliated with ICFP09), Victoria, BC, Canada 2008 (affiliated with ICFP), Portland 2006 (affiliated with ICFP), Ponte de Lima 2000 (affiliated with MPC), Marstrand 1998 (affiliated with MPC). Furthermore, there were a few informal workshops Utrecht 2005 (informal workshop), Dagstuhl 2002 (IFIP WG2.1 Working Conference), Nottingham 2001 (informal workshop). There were also (closely related) DGP workshops in Oxford (June 3-4 2004), and a Spring School on DGP in Nottingham (April 24-27 2006, which had a half-day workshop attached).