

FARM 2014

2nd ACM SIGPLAN International Workshop on Functional Art, Music, Modelling and Design

Gothenburg, Sweden; 6 September, 2014

The functional programming community is largely interested in writing beautiful programs. The ACM SIGPLAN International Workshop on Functional Art, Music, Modelling and Design (FARM) is intended to gather researchers and practitioners interested in writing beautiful programs which generate beautiful artifacts or experiences, or perhaps even challenge notions of beauty. FARM encourages submissions from across art, craft and design, including textiles, visual art, music, 3D sculpture, animation, GUIs, video games, physical models, architectural models, choreographies for dance, poetry, and even VLSI layouts, GPU configurations, or mechanical engineering designs. The language used need not be purely functional ("mostly functional" is fine); may be based on abstractions such as higher-order functions, monads, arrows, or streams; and may be manifested as a domain specific language or tool. Theoretical foundations, language design, implementation issues, and applications in industry or the arts are all within the scope of the workshop.

Submissions are invited in two categories:

- **Full papers:** 5 to 12 pages using the ACM SIGPLAN template. FARM 2014 is an interdisciplinary conference, so a wide range of approaches are encouraged and we recognize that the appropriate length of a paper may vary considerably depending on the approach. However, all submissions must propose an original contribution to the FARM theme, cite relevant previous work, and apply appropriate research methods.
- **Demo abstracts:** Demo abstracts should describe the demonstration and its context, connecting it with the themes of FARM. A demo could be in the form of a short (10-20 minute) tutorial, presentation of work-in-progress, an exhibition of some work, or even a performance. Abstracts should be no longer than 2 pages, using the ACM SIGPLAN template and will be subject to a light-touch peer review.

If you have any questions about what type of contributions that might be suitable, or anything else regarding submission or the workshop itself, please contact the organisers at:

workshop2014@functional-art.org

Key Dates

Abstract (for Full Papers) submission deadline:	7 May
Full Paper and Demo Abstract submission Deadline:	11 May
Author Notification:	30 May
Camera Ready:	18 June
Workshop:	6 September

Submission

All papers and demo abstracts must be in portable document format (PDF), using the ACM SIGPLAN style guidelines. The text should be in a 9-point font in two columns. The submission itself will be via EasyChair. See the FARM website for further details: <http://functional-art.org>.

Publication

Accepted papers will be included in the formal proceedings published by ACM Press and will also be made available through the the ACM Digital Library; see <http://authors.acm.org/main.cfm> for information on the options available to authors. Authors are encouraged to submit auxiliary material for publication along with their paper (source code, data, videos, images, etc.); authors retain all rights to the auxiliary material.

Workshop Organisation

Workshop Chair: Alex McLean, University of Leeds

Program Chair: Henrik Nilsson, University of Nottingham

Publicity Chair: Michael Sperber, Active Group GmbH

Program Committee:

Sam Aaron, Cambridge University

David Duke, University of Leeds

Kathleen Fisher, Tufts University

Julie Greensmith, University of Nottingham

Bas de Haas, Universiteit Utrecht

Paul Hudak, Yale University

David Janin, Université de Bordeaux

Richard Lewis, Goldsmiths, University of London

Louis Mandel, Collège de France

Alex McLean, University of Leeds

Carin Meier, Neo Innovation Inc

Rob Myers, Furtherfield

Henrik Nilsson, University of Nottingham (chair)

Dan Pioni, Google Inc

Andrew Sorensen, Queensland University of Technology

Michael Sperber, Active Group GmbH

For further details, see the FARM website: <http://functional-art.org>