2nd International Conference on
Formal Verification of Object-Oriented Software (FoVeOOS 2011)

October 5–7, 2011, Turin, Italy

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Abstract Submission	Aug 3, 2011
Paper Submission	Aug 10, 2011
Notification	Sep 7, 2011
Final version due	Sep 21, 2011
Conference	Oct 5–7, 2011

CALL FOR PAPERS

Formal software verification has outgrown the area of academic case studies, and industry is showing serious interest. The logical next goal is the verification of industrial software products. Most programming languages used in industrial practice (such as Java, C++, and C#) are object-oriented. The International Conference on Formal Verification of Object-Oriented Software aims to foster collaboration and interactions among researchers in this area.

Organization. The conference is organised by COST Action IC0701 but it goes beyond the framework of this action (see `www.cost-ic0701.org`). The conference is open to the whole scientific community around the following topics, and also encourages people close to industrial applications to submit papers and participate.

The Action may provide travel grants (see the web page for details).

Topics include but are not limited to:

- Logic-based methods for formal
  - verification
  - specification and description
  - construction
  - analysis and validation
  of object-oriented software
- Technologies such as
  - logics
  - calculi
  - type systems
  for the formal verification of object-oriented software
- Modularisation and verification of components
- Verification of
  - adaptable and reusable
  - concurrent
  - distributed
  object-oriented software
- Tool descriptions
- Experience reports
- Case studies
- Teaching formal verification

Submissions should describe previously unpublished work (completed or in progress). Contributions are invited in these categories (please see the conference web site for details):

A Research papers (original theoretical and/or experimental research or applications)

B System descriptions

C Experience reports, case studies

D Position papers and brief reports on work in progress

Proceedings. The conference will use a two-stage process for the publication of proceedings, allowing for a very brief period between submission of papers and the conference and, thus, a speedy dissemination of results. All accepted papers will appear in pre-proceedings published as a Technical Report that will be available at the conference.

Post-conference proceedings will be published within Springer's LNCS series. For this second stage, papers will be selected as follows: first, authors of papers that were definitely accepted in the first stage will submit a new version with minor revisions only; second, authors of papers that were only conditionally accepted (typically position papers) will be able to submit a new version with major revisions, which will be reviewed again.

Best Student Presentation Award. Based on the comments given by the reviewers in the first stage of reviewing, and the presentation at the conference, the programme committee will give a best student presentation award. Eligible papers are those whose presentation is given by a PhD student.

Email Contact: `foveoos2011@cost-ic0701.org`

Conference Web Page:

`http://foveoos2011.cost-ic0701.org`