

---

## CALL FOR PAPERS

### 4th International Workshop on Compiler Optimization Meets Compiler Verification **COCV 2005**

Edinburgh, UK, April 3, 2005

<http://www.complang.tuwien.ac.at/knoop/COCV2005/cocv2005.html>



In conjunction with the

**8th European Joint Conferences on Theory and Practice of  
Software (ETAPS 2005), Edinburgh, UK, April 2 - 10, 2005**

<http://www.etaps05.inf.ed.ac.uk/>

---

COCV is devoted to advances in theory and practice on the theoretical foundations and applications of approaches, technologies, and tools for compiler optimization and compiler verification and their mutual dependencies. It provides a forum for researchers and practitioners working on optimizing and verifying compilation, and related fields such as translation validation, certifying and credible compilation, but also programming language design and programming language semantics to exchange their latest findings. By encouraging discussions and co-operations across different, yet related fields, the workshop strives for bridging the gap between the communities, and for stimulating synergies and cross-fertilizations among them.

Submission of papers at the joint of all these fields is solicited. Particularly welcome are papers on optimization and verification emphasizing the safety policy imposed on and ensured by the optimization they are aiming at, how it is established, and how it can be adapted within the boundaries set up by the overall demand of correctness and hence semantics preservation.

**Submission Information and Proceedings.** Papers should be submitted electronically in standard Postscript or PDF to Jens Knoop ([knoop@complang.tuwien.ac.at](mailto:knoop@complang.tuwien.ac.at)), together with a plain text message containing the paper's title, author name(s), abstract, and keywords. The format of submissions should adhere to the format of Elsevier's ENTCS Series and should not exceed 15 pages. Submissions that are clearly too long may be rejected immediately. E-mail addresses and fax numbers of the authors should be included on the title page. Submitted papers must be unpublished and not submitted for publication elsewhere. Printed Preliminary Proceedings will be available at the Workshop. The Final Proceedings will be published in the *Electronic Notes in Theoretical Computer Science (ENTCS)* series, Elsevier Science, Amsterdam, The Netherlands (<http://www.elsevier.nl/gej-ng/31/29/23/show/Products/notes/index.htm>).

As for previous COCV workshops, we are planning to invite authors of accepted papers of COCV 2005 to submit revised, extended versions of their paper for publication in a joint special issue of a journal. The specific publication venue is currently under consideration. These submissions will pass through a second round of peer-reviewing.

#### Organizers and Co-Chairs:

##### Jens Knoop

Vienna University of Technology, Austria  
[knoop@complang.tuwien.ac.at](mailto:knoop@complang.tuwien.ac.at)

##### George C. Necula

University of California at Berkeley, USA  
[necula@cs.berkeley.edu](mailto:necula@cs.berkeley.edu)

##### Wolf Zimmermann

Univ. Halle-Wittenberg, Germany  
[zimmer@informatik.uni-halle.de](mailto:zimmer@informatik.uni-halle.de)

#### IMPORTANT DATES:

**Submission Deadline:** Nov. 26, 2004

**Notification:** Jan. 21, 2005

**Final Version:** Feb. 11, 2005

#### Program Committee:

- Egon Börger, Università di Pisa, Italy
- Michael Franz, Univ. of California, Irvine, CA, USA
- Sabine Glesner, Universität Karlsruhe, Germany
- Roy Ju, Intel, Santa Clara, CA, USA
- Jens Knoop, TU Wien, Austria
- Todd Millstein, Univ. of California, Los Angeles, CA, USA
- Robert Morgan, DataPower, Cambridge, MA, USA
- Markus Müller-Olm, FernUniversität in Hagen, Germany
- George C. Necula, Univ. of California, Berkeley, CA, USA
- Wolf Zimmermann, Univ. Halle-Wittenberg, Germany
- Lenore Zuck, University of Illinois, Chicago, IL, USA

**Workshop: April 3, 2005**