



Second Workshop on Industrial Experiences with Systems Software (WIESS '02)

*Sponsored by USENIX, The Advanced Computing Systems Association
Co-sponsored by ACM SIGOPS in cooperation with IEEE TCOS*

<http://www.usenix.org/events/wiess02>

December 8, 2002

Co-located with the 5th Symposium on Operating Systems Design & Implementation (OSDI '02), December 9-11, 2002, Boston, Massachusetts

Important Dates

Paper submissions due (No extensions): *July 15, 2002*

Notification of acceptance: *August 19, 2002*

Revised papers due for shepherding: *September 9, 2002*

Camera-ready final papers due: *September 30, 2002*

Workshop Organizers

Program Chairs

Jeff Mogul, *HP Western Research Lab*

Program Committee

Edouard Bugnion, *VMware, Inc.*

Clement T. Cole, *Paceline Systems Corporation*

Mark Stuart Day, *Cisco Systems*

Chris Demetriou, *Broadcom Corp.*

Rob Gingell, *Sun Microsystems, Inc.*

Monika Henzinger, *Google Inc*

John T. Kohl, *Rational Software*

Noah Mendelsohn, *IBM Corp.*

Craig Partridge, *BBN Technologies*

Doug Terry, *Microsoft Research*

Steering Committee

Valerie Issarny, *INRIA, ACM SIGOPS Vice Chair*

Mike B. Jones, *USENIX Board of Directors*

Ethan L. Miller, *UC Santa Cruz, IEEE-CS TCOS Chair*

Dejan S. Milojevic, *HP Labs, previous WIESS PC Chair*

Park Plaza Hotel, Boston, Massachusetts, USA

Overview

The goal of the Second Workshop on Industrial Experiences with Systems Software (WIESS '02) is to help bridge the gulf between industrial experience with systems software (such as operating systems, compilers, large applications, embedded systems, etc.) and the research community. We're looking for submissions from people from industry, reporting on their experiences, successes, failures, and needs. We're also looking for submissions from researchers, reporting on their own experiences in relevant areas such as technology transfer, collaborations between research and industry, etc. Submissions could be presented as short papers or posters, and the workshop will favor spending time in group discussions over lecture-style presentations.

WIESS is meant to provide a venue for material that would not normally be accepted at a conference such as SOSP or OSDI. This does not mean that we will be a forum for second-rate research papers, or even for first-rate research papers. Rather, we will look for interesting submissions that are primarily concerned not with research results but with exploiting, inspiring, or directing research.

What to Submit

WIESS will focus on papers that draw important conclusions from practical experience in developing and using system software solutions. War stories, controversial conclusions, and negative results are especially welcome.

Topics of interest include, but are not limited to:

- Operating Systems

- Distributed Systems
- Programming Environments and Tools
- Fault Tolerance and High Availability
- Real Time and Quality of Service
- Security and Privacy
- Networking and Internet
- Web-Based Technologies and Deployment
- Middleware
- Appliances and Personal Digital Assistants
- Embedded Systems
- System Administration and Configuration

Submissions will be accepted primarily based on the relevance and novelty of the work, its value in provoking discussion, and especially on factual information drawn from experience. While we value clear and concise presentations, we will provide a shepherd (for all accepted papers) who will assist the authors in improving the final versions. We will not reject otherwise interesting submissions simply because they are unpolished.

A good submission should demonstrate that the authors have:

- attacked a significant problem;
- come up with an appropriate and usable solution;
- demonstrated the benefits and use of their solution;
- drawn some relevant experience (positive or negative)

Not every good submission needs to meet all of these criteria. We have collected some suggestions and guidelines for authors at <http://www.usenix.org/events/wiess02/guidelines/>.

The best papers will appear at full length in the workshop proceedings; others may appear as short abstracts.

Papers accompanied by non-disclosure agreement forms are not acceptable and will be returned to the author(s) unread. All submissions are held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

Deadline and Submission Instructions

Submissions should be received by Monday, July 15, 2002. Due to our short review period, absolutely no extensions beyond that date will be given.

Papers should be submitted electronically using the Web form located on the Workshop Web site:

<http://www.usenix.org/events/wiess02>

Submissions should be no more than 5000 words (not counting figures, tables, or references), printed double-spaced, single-column on 8.5x11" paper, with page numbers. Only printable Postscript and PDF will be accepted.

Submissions must not have been previously published (or be under consideration for publication elsewhere) in part or in full. Submissions that violate this rule will be rejected. Authors unsure of whether a submission violates this rule must alert the Program Chair at the time of submission.

Procedures for Accepted Papers

Authors should be aware that the Program Committee intends to assign a "shepherd" to some or all of the accepted papers. Many conferences now employ shepherds, who are responsible for ensuring that the final version of an accepted paper addresses any significant concerns raised during the review process.

As an experiment, WIESS '02 will also try to assign a "student helper" to accepted papers, subject to the consent of authors and to the availability of students. Our intention is to provide assistance to WIESS authors who have limited experience in preparing scientific papers for publication, while exposing graduate students to the concerns of industrial software practice. More details about this process are available at <http://www.usenix.org/events/wiess02/studenthelperfaq/>. We will solicit student volunteers in early 2002. Of course, authors are always encouraged to find student co-authors.

Registration Materials

Complete program and registration information will be available in September 2002 at the Workshop Web site at <http://www.usenix.org/events/wiess02>. The information will be available in both HTML and a printable PDF file.

For More Information

See the Workshop Web site at <http://www.usenix.org/events/wiess02/>, or e-mail wiess02chair@usenix.org.