

# Java<sup>TM</sup>\* Virtual Machine Research and Technology Symposium (JVM '01)

<http://www.usenix.org/events/jvm01>

April 23-24, 2001

Monterey, California, USA

## Important Dates

Paper submissions due: *November 1, 2000*

Notification of acceptance: *December 15, 2000*

Camera-ready final papers due: *February 27, 2001*

Symposium begins: *April 23, 2001*

## Conference Organizers

### Program Chair

Saul Wold, *Sun Microsystems*

### Program Committee

Tony Cocchi, *IBM*

Urs Hoelzle, *University of California–Santa Barbara*

Juergen Kreileder, *The Blackdown Project*

Tim Lindholm, *Sun Microsystems*

Matt Welsh, *University of California–Berkeley*

## Overview

For the first Java Virtual Machine Research and Technology Symposium, we invite the submission of quality papers describing research or experiences with the Java Virtual Machine. Research papers should describe original work that offers significant contributions to the state of JVMs. Experience papers should describe general insights gained from porting, integrating, or tuning JVMs. Submitted papers should make substantial contributions to the field and should be useful to researchers and practitioners alike.

This symposium will have 2 days of technical sessions, made up of a Keynote Address, Refereed Papers, and a Work in Progress session.

JVM '01 emphasizes research and advanced engineering aspects of the Java Virtual Machine, focusing on experimental research. The Symposium Proceedings, containing all refereed papers, will be distributed to

attendees and, following the symposium, will be available online to USENIX members and for purchase.

Awards will be given at the symposium for the best paper and for the best paper that is primarily the work of a student.

## Topics

Relevant topics for JVM '01 include, but are not limited to the following:

- ◆ Alternate VM implementation
- ◆ Hardware implementation
- ◆ JITs and Execution Engines
- ◆ Security and VM issues
- ◆ Garbage Collection techniques
- ◆ Small JVM (à la JavaCard)
- ◆ Large JVM and Server Issues (scalability and availability)
- ◆ Porting Experience Improvements
- ◆ Performance Issues and Tuning Techniques

Questions about the relevance of a topic may be addressed to the Program Chair at [jvm01chair@usenix.org](mailto:jvm01chair@usenix.org)

## What to Submit

Submissions should be full papers, 10 to 14 pages (around 5,000-6,000 words) in length. Papers that are too long or are late will be rejected. All submissions will be judged on originality, significance, relevance, correctness, and clarity. Each submission must include the paper title, the contact author, email and regular addresses, and a phone number. For more information, please read the detailed author guidelines, located on the symposium Web site.

The JVM symposium, like most conferences and journals, requires that papers not be submitted simulta-

neously to any other conference or publication, that submissions not be previously published, and that accepted papers not be subsequently published elsewhere for a year from date of acceptance by USENIX. 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.

## How to Submit

Web-based electronic submission will be expected. Submissions should be in Postscript that is interpretable by Ghostscript or in PDF that is interpretable by Acroread, and should be printable on US Letter sized paper. A Web form for submissions will be available in April on the symposium Web site at: <http://www.usenix.org/events/jvm01>. All submissions will be acknowledged.

Submitters for whom web submission is a hardship should contact the Program Chairs for alternative means of submission at [jvm01chair@usenix.org](mailto:jvm01chair@usenix.org).

## Work In Progress Reports

For this JVM Symposium we will include a session on "work in progress" (WIP) to introduce new ideas to the community and solicit early feedback. We are particularly interested in the presentation of student work and bleeding edge VM implementation and intergration in both software and hardware. WIP abstracts will be lightly screened to facilitate focused discussions during the session. The submission process for WIP abstracts will begin in January 2001. Full submission information will be available at the symposium Web site.

## Birds-of-a-Feather Sessions

Birds-of-a-Feather sessions (BoFs) are very informal gatherings organized by attendees interested in a particular topic. BoFs will be held in the evening. BoFs may be scheduled in advance by phoning the Conference Office at +1 (949) 588-8649 or via email to [conference@usenix.org](mailto:conference@usenix.org). BoFs may also be scheduled at the symposium.

## Registration Materials

Complete program and registration information will be available in January 2001 on the symposium Web site. The information will be in both html and a printable PDF file. If you would like to receive the program booklet in print, please email your request, including your postal address, to: [conference@usenix.org](mailto:conference@usenix.org).