

## Call for Papers



### ACM SIGPLAN 1999 Workshop on Languages, Compilers, and Tools for Embedded Systems (LCTES'99) Atlanta, Georgia, May 5, 1999 (in conjunction with PLDI'99, as part of ACM FCRC'99)

<http://www.cs.indiana.edu/~liu/lctes99/>

<http://www.cs.uni-sb.de/~LCTES99/>

LCTES '99 provides a link between the programming languages and embedded systems engineering communities. Researchers and developers in these areas are addressing many similar problems, but with different backgrounds and approaches. LCTES is intended to expose researchers and developers from either area to relevant work and interesting problems in the other area and provide a forum where they can interact. Original submissions are invited in all areas relevant to this theme. Appropriate topics include, but are not limited to, the following aspects of embedded systems:

- Design, Implementation, and Analysis of Embedded Systems
  - formal specification and verification
  - object-oriented modeling and design
  - integration and testing
  - profiling, measurement, and debugging
  - optimizations w.r.t. performance, code size, and power consumption
  - scheduling and timing analysis for real-time systems
- Programming Languages for Embedded Applications
  - real-time and embedded Java
  - exception and interrupt handling
  - memory management and garbage collection
- Tools
  - real-time operating systems
  - development tools and environments
  - emulators
- Hardware/Software Codesign
- Standardization

Papers should report new research and should not exceed 5000 words (approximately 10 typeset on 16-point spacing), **including figures and references**. Short papers that describe existing implementations or work-in-progress, or outline new problems or important issues are also welcome. Short papers should not exceed 3000 words (6 pages). All accepted papers will be presented at the workshop and published in the proceedings, which will be distributed at the workshop. We anticipate that the proceedings will be published as an issue of the ACM SIGPLAN Notices.

Electronic submissions must be received by **5:00 PM Middle European Time, Friday, February 26, 1999**. Interactive submissions through <http://www.cs.uni-sb.de/~LCTES99/Submit.html> are encouraged. Submissions may also be sent as a single e-mail message to [lctes99-submit@cs.uni-sb.de](mailto:lctes99-submit@cs.uni-sb.de) (MIME attachments are allowed); the message should contain both the filled out form (see web page) and the Postscript paper. Electronic papers should be in **Postscript** form, which must be **interpretable by Ghostscript**. The Postscript must use standard fonts, or include the necessary fonts, and must be prepared for USLetter (8.5"x11") or A4 page sizes. Authors who cannot meet these requirements should submit 15 hardcopies by post to the workshop co-chair Reinhard Wilhelm by airmail that must be received on or before February 26, 1999. These are **firm constraints**; submissions not meeting the criteria described above will not be considered.

#### Important Dates

**papers due:** Feb. 26, 1999 (5pm MET)

**author notification:** Apr. 9, 1999

**final papers due:** Apr. 23, 1999

#### Co-Chairs

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