CALL FOR PAPERS

FDL is an international forum to exchange experiences and promote new trends in the application of languages, their associated design methods and tools for the design of electronic systems. FDL stimulates scientific and controversial discussions within and in-between scientific topics as described below. The program structure includes research working sessions, embedded tutorials, panels, and technical discussions. The Forum includes tutorials, and fringe meetings, such as user group or standardization meetings. “Wild and Crazy Ideas” are also welcome.

Authors are invited to submit manuscripts on topics including, but not limited to:

**Formalisms & Languages for ...**
- Requirements and Property specification (RSLs, PSLs, SVA, ...)
- Multi-physics specification (timing, power, temperature, aging, ...)
- Multi-domain parallel applications in dynamic real-time environments
- Models of computation
  - Automata (xFSM, ...)
  - Networks (Process Networks, Petri Nets, Task Networks, ...)
- Platform modelling and abstraction
  - Transaction level modelling
  - Run-time system and middleware abstraction
- Model and component-based design (UML, SysML, MARTE, ...)
- Advanced language extensions for SLDLs (SystemC(-AMS), Modelica, ...)

**Tools & Techniques for efficient ...**
- Formal property checking
- Simulation of functional and extra-functional properties
- Parallel simulation
- High-level hardware and software synthesis
- Testbench automation and coverage monitoring
- Design space exploration and virtual prototyping
- Scheduling & real-time analysis

**Design Flows & Methodologies covering ...**
- Horizontal and vertical virtual integration testing
- Requirements engineering and traceability
- Mixed critical embedded applications on multi-core multi-CPU SoCs
- Power and performance
- Safety and security
- Heterogeneous component integration
- Multi-objective optimisation

FDL 2014 is organized with the technical co-sponsorship of CEDA.

**FDL is an ECSI Event!**
REQUIREMENTS FOR SUBMISSIONS

REGULAR AND SHORT PAPERS FOR ALL SESSIONS
Regular papers (6-8 pages, double column, IEEE format) should provide comprehensive details on innovative and complete research or applicative work with evidence of experimental results. Regular papers may also include proposals for standardization. Authors are encouraged to outline work in progress, as short papers (2-4 pages, double column, IEEE format). Submitted papers are required to describe original unpublished work and must not be under consideration for publication elsewhere. Submissions must be fully anonymous, are required to describe original unpublished work and must not be under consideration for publication elsewhere. Authors should not hide previous work, instead, they need to make self-references in third person. Full submission requirements, templates, and submission instructions can be found at www.ecsi.org/fdl.

PUBLICATIONS
Each submission will receive at least three independent double blind reviews from the members of our scientific committee.Authors of accepted papers must address those comments in the camera ready version and present it in the conference prior to its publication. The conference proceedings will be published in electronic form with an ISSN and ISBN number and made available on the ECSI website and submitted for inclusion in the IEEE Xplore Digital Library. Paper and keynote presentation slides and tutorial documents will be made available to ECSI members and conference attendees after the conference (subject to confidentiality issues). In addition, extended versions of selected best papers will be published as a book by Springer.

EMBEDDED TUTORIALS
Proposals for half-day (4 hours) embedded tutorials on specific topics around any of the key topics named above will be accepted depending on topic relevance and evidence of a comprehensive agenda. A one page description of the tutorial including title, presenters, contents, and the relevant track(s) should be sent to fdl@ecsi.org. A maximum of three tutorial authors is recommended. Accepted tutorials will get one free registration to the Forum per tutorial.

PANELS, WORKING GROUPS, PROJECT MEETINGS, DEMONSTRATIONS
Proposal for panels, working sessions, standardization, or user group meetings around any of topics are invited and will be accepted depending on their relevance and interest to the audience. They will be embedded in the regular program. A one page description including title, participants, contents, and the relevant track(s) should be sent to fdl@ecsi.org. Companies, universities, or other organizations wishing to demonstrate innovative tools and environments for the topics described above should send proposals to fdl@ecsi.org.

IMPORTANT DATES

<table>
<thead>
<tr>
<th>Event</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper submission deadline</td>
<td>05 May 2014</td>
</tr>
<tr>
<td>Tutorial proposals deadline</td>
<td>16 June 2014</td>
</tr>
<tr>
<td>Notification of acceptance</td>
<td>30 June 2014</td>
</tr>
<tr>
<td>Camera ready papers &amp; presenter registration</td>
<td>28 July 2014</td>
</tr>
<tr>
<td>Proposals for on-site meetings</td>
<td>29 September 2014</td>
</tr>
</tbody>
</table>

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