Call for Submissions to DATE’13
Track A Topic A5
Secure Systems

The Design, Automation & Test in Europe Conference and Exhibition is the main European event bringing together designers and design automation users, researchers and vendors, as well as specialists in hardware and software design, test and manufacturing of electronic circuits and systems. The five-day event includes plenary invited papers, regular papers, panels, hot-topic sessions, tutorials and workshops, two special-focus days, and a track for executives. DATE, with its many user-group meetings, fringe meetings, and social events, offers a wide variety of opportunities to meet and exchange information.

SUBMISSIONS on SECURE SYSTEMS

• Regular Paper Submissions in TOPIC A5: Secure Systems
  Secure systems need a combination of hardware, software and embedded techniques to succeed. Indeed, the weakest link in the security chain determines the overall system security. This topic invites papers on novel technologies and experiences for specific security problems as well as overall design integration methods for secure systems-on-chip and embedded systems. Topics of interest are situated at all design abstraction levels and include novel techniques and architectures for embedded cryptography; modeling, characterization, simulation and associated countermeasures for side-channel, fault and other physical attacks; random numbers generation, embedded secure processors and co-processors, trusted computing, off-chip memories and network-on-chip enciphering and integrity checking, trust establishment and attestation; implementation of security applications; hardware enabled security, including physically unclonable functions, and more.

• Proposals for Special Sessions – Chairs: Nicola Nicolici, McMaster University (CAN); Zebo Peng, Linköpings Universitet (SE)
  Special Sessions can take various forms:
  o Embedded Tutorials, providing technical education sessions for a broad audience,
  o Hot-Topic Sessions, dealing with the introduction and discussion of new R&D problems,
  o Panels, discussing visionary and/or controversial issues.

• Proposals for Full-Day or Half-Day Tutorials – Chair: Franco Fummi, Università di Verona (IT)
  Tutorials are relevant and topical educational sessions, taught by leading experts.

• Proposals for University Booth Presentations – Chairs: Laurent Fesquet, IMAG (FR); Andreas Vörg, edacentrum (DE)
  Universities and research institutes can showcase their pre-commercial results and prototype demos.

• Proposals for Presentations at the Exhibition Theatre – Chair: Jürgen Haase, edacentrum (DE)
  The Exhibition Theatre offers an open discussion forum at DATE’s exhibition, including panel sessions and customer testimonials.

• Proposals for Full-Day Workshops – Chairs: Lorena Anghel, TIMA (FR); Cristina Bolchini, Politecnico di Milano (IT)
  On Friday, DATE hosts a number of parallel workshops on emerging research and application topics.

• Proposals for Fringe Meetings – Contact: Claire Cartwright, European Conferences (UK)
  A limited number of rooms is available for related open and closed meetings.

SUBMISSION INSTRUCTIONS

Submission instructions for the various types of submissions are specified at http://www.date-conference.com.
Key dates:
• Submission deadline : September 9, 2012 (papers, special sessions, tutorials proposals, workshop proposals)
• Submission deadline : October 22, 2012 (exhibition theatre)
• Notification of acceptance : November 16, 2012
• Camera-ready manuscripts : December 16, 2012
• Submission deadline : January 14, 2013 (university booth proposals)

FURTHER INFORMATION

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