Chips 21 is to be held in Yokohama on April 18-20, 2018, and is targeted at the architecture, design and implementation of chips and systems with special emphasis on the areas listed below. All papers are published online via IEEE Xplore. Especially, systems. The symposium covers leading-edge technologies in all areas of microprocessors and their applications. The COOL selected academic papers are strongly invited to submit to the special issue on COOL Chips in the IEEE Transactions on Multi-Scale Computing Systems (TMSCS), and selected commercial papers are for publication in IEEE Micro.

**CALL FOR CONTRIBUTIONS**

Contributions are solicited in the following areas:

- Low Power-High Performance Processors and Systems for -
- Novel Architectures and Schemes for -
  - Single Core, Multi/Many-Core, NoC, Embedded Systems, Reconfigurable Computing, Grid, Ubiquitous, Dependable Computing, GALS and 3D Integration
- Cool Software including - Parallel Schedulers, Embedded Real-time Operating System, Binary Translations, Compiler Issues and Low Power Application Techniques.

Proposals should consist of a title, an extended abstract (up to 3 pages) describing the product or topic to be presented and the name, job title, address, phone number, FAX number, and e-mail address of the presenter. The status of the product or topic should precisely be described. If this is a not-yet-announced product, and you would like to keep the submission confidential, please indicate it. We will do our best to maintain confidentiality. Proposals will be selected by the program committee’s evaluation of interest to the audience. Submission should be made through website. Detailed instructions are in author’s kit obtained from http://www.coolchips.org/.

**Author Schedule:**
- February 9, 2018 - Extended Abstract Submission (through website)
- March 16, 2018 - Acceptance Notified (by e-mail)
- March 30, 2018 - Final Manuscript Submission

You are also invited to submit proposals for poster sessions. Submission should be made through website. Detailed instructions are in author’s kit obtained from http://www.coolchips.org/.

**Author Schedule:**
- March 23, 2018 - Poster Abstract Submission (through website)
- March 26, 2018 - Poster Acceptance Notified (by e-mail)

For more information, please visit <http://www.coolchips.org/>.
For any questions, please contact the Secretariat <cool_21@coolchips.org>.

Sponsored by the Technical Committees on Microprocessors and Microcomputers and Computer Architecture of the IEEE Computer Society. (approval pending) In cooperation with the IEICE Electronics Society and IPSJ.