

FPT 2018

International Conference on Field-Programmable Technology

Naha, Okinawa, Japan, 11-14 Dec, 2018

<http://www.icfpt.org>

FINAL Call for Papers

Sponsored by

RIKEN Center for Computational Science, Riken, Japan

General chair

Kentaro Sano, Riken, Japan

Vice co-chairs

Yoshiki Yamaguchi, University of Tsukuba, Japan

Yasunori Osana, University of Ryukyus, Japan

Program co-chairs

Yuichiro Shibata, Nagasaki University, Japan

Jason D. Bakos, University of South Carolina, US

Poster/PhD forum chair

Hideki Takase, Kyoto University, Japan

Workshop/tutorial chair

Hiroki Nakahara, Tokyo Institute of Technology, Japan

Finance co-chairs

Yukio Mitsuyama, Kochi University of Technology, Japan

Kazuya Tanigawa, Hiroshima City University, Japan

Sponsor chair

Takefumi Miyoshi, e-trees.Japan, inc., Japan

Industrial co-chairs

Kosuke Tatsumura, Toshiba, Japan

Yuki Kobayashi, NEC, Japan

Registration chair

Tomonori Izumi, Ritsumeikan University, Japan

Publication Chair

Shinobu Nagayama, Hiroshima City University, Japan

Design competition chair

Minoru Watanabe, Shizuoka University, Japan

WEB chair

Shinya Takamaeda, Hokkaido University, Japan

Publicity co-chairs

Kazutoshi Kobayashi, Kyoto Institute of Technology, Japan

Ryusuke Egawa, Tohoku University, Japan

Martin Herboldt, Boston University, US

Qiang Liu, Tianjin University, China

Advisory Committee

Hideharu Amano (Chair) - Keio University, Japan / Toshinori Sueyoshi - Kumamoto University, Japan / Akira Nagoya - Okayama University, Japan / Moritoshi Yasunaga - University of Tsukuba, Japan / Masahiro Fujita - Tokyo University, Japan / Tadao Nakamura - Keio University, Japan / Masato Motomura - Hokkaido University, Japan / Testuo Hironaka - Hiroshima City University, Japan

Steering Committee

Oliver Diessel (Chair) - University of New South Wales, Australia / Hideharu Amano - Keio University, Japan / Paul Beckett - RMIT University, Australia / Donald Bailey - Massey University, New Zealand / Neil Bergmann - University of Queensland, Australia / Jinian Bian - Tsinghua University, China / Kiyoungh Choi - Seoul National University, South Korea / Masahiro Fujita - University of Tokyo, Japan / Phillip Leong - University of Sydney, Australia / Wayne Luk - Imperial College London, UK / Wai-Kei Mak - National Tsing Hua University, Taiwan / Tulika Mitra - National University of Singapore, Singapore / Tadao Nakamura - Tohoku University, Japan / Yu Peng - Harbin Institute of Technology, China / Theerayod Wiangtong - Mahanakorn University of Technology, Thailand / Steve Wilton - University of British Columbia, Canada / Lingli Wang - Fudan University, China / Weng Fai Wong - National University of Singapore, Singapore

Important Dates (all 23:59, AoE): <extended deadlines, FINAL>

*Title and abstract due	July	23, 2018
*Paper submission	July	30, 2018
Author notification	September	3, 2018
Contest entry due	September	15, 2018
Camera-ready due	October	1, 2018
Workshops, tutorials	December	11,14, 2018
Conference dates	December	12-14, 2018



FPT conference is the premier conference in the Asia-Pacific region on field-programmable technologies including reconfigurable computing devices and systems containing such components. Field-programmable devices promise the flexibility of software with the performance of hardware. The development and application of field-programmable technology have become important topics of research and development. Field-programmable technology is widely applied, in high-performance computing systems, embedded and low-power control instruments, mobile communications, rapid prototyping and product emulation, among other areas.

Submissions are solicited on new research results and detailed tutorial expositions related to field-programmable technologies, including but not limited to:

- Tools and Design Techniques** for field-programmable technology,
- Architectures** for field-programmable technology,
- Device technology** for field-programmable logic,
- Applications** of field-programmable technology, and
- Education** for field-programmable technology.

Details are available at FPT'18 WEB site.

Submission Guidelines:

The program committee solicits papers describing original research in field-programmable technology, including, but not limited to, the areas of interest indicated above. Papers should be submitted electronically in PDF format, following the IEEE style. Full papers should not exceed 8 pages in length, while posters should not exceed 4 pages in length. Manuscripts must not identify authors or their affiliations for double-blinded review. Please use online system for submission.

Call for PhD Forum Papers and Demo Papers:

PhD students are invited to submit four-page papers to PhD Forum at FPT'18, which is a poster-based session for PhD students to present and discuss their research with people in the community of field-programmable technology. We will also call for demo papers. Their submission due will be in September (TBA). Details will be available at WEB site.

Call for FPGA Design Competition:

The theme is "Autonomous Vehicle Driving Competition using FPGA."

Entry due is September 15. Please visit FPT'18 WEB site for more information.

Further information is available at <http://www.icfpt.org/>

Sponsor



Technical co-sponsors (tentative)

IEEE CEDA AJJC
IEICE ISS / RECONF
IPJS SIG-SLDM

Supporters / exhibitors (tentative)

