

ICECCS 2018

<http://formal-analysis.com/iceccs/2018/>

**12-14 December 2018
Melbourne, Australia**

The goal of this conference is to bring together industrial, academic, and government experts, from a variety of application domains and software disciplines, to discuss how the disciplines' problems and solution techniques interact within the whole system.

Scope and Topics:

Requirement specification and analysis
Verification and validation
Security and privacy of complex systems
Model-driven development
Reverse engineering and refactoring
Software architecture
Big Data Management
Ambient intelligence
pervasive computing
Ubiquitous computing
Context awareness
Sensor networks
Design by contract
Agile methods
Safety-critical & fault-tolerant architectures
Adaptive, self-managing and multi-agent systems
Real-time, hybrid and embedded systems
Systems of systems
Cyber-physical systems and Internet of Things (IoT)
Tools and tool integration
Industrial case studies
Applications to SAT/SMT techniques to analysis of complex systems

General Chair: Yuan-Feng Li, Monash Uni, Australia

Program Chair: Anthony Lin, Oxford, UK;
Jun Sun, SUTD, Singapore

Submissions:

Full Papers

- Technical papers should describe original research
- Experience reports should present practical projects carried out in industry, and reflect on the lessons learnt from them.

Short paper submissions describe early-stage, ongoing or PhD research.

Format:

English, double-column CPS.

Page limit (incl. references & appendices):

- Full paper: 10 pages
- Short paper: 4 pages

Important Dates (AoE time):

Abstract: 22nd June 2018
Full paper: 29th June 2018
Notification: 22th August 2018
Camera ready: 21th September 2018

The conference proceedings will be published by Conference Publishing Services (CPS) and submitted for EI indexing.



Workshop/Tutorial chair: Marcel Boehme, Monash University, Australia

Local chair: Xin Xia, Monash University, Australia

Web Chair: Zhe Hou and Hadrien Bride, Griffith University

Publicity Chair: Etienne Andre, University Paris 13, France;
Huibiao Zhu, East China Normal University, China

Steering Committee:

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