

# The 13th IEEE International Conference on Advanced and Trusted Computing July 18-21, 2016, Toulouse-France



<http://atc2016.sciencesconf.org/>

Co-located with: SWC 2016, UIC 2016, ScalCom 2016, CBDCom 2016, IoP 2016

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Nowadays, various kinds of novel computing concepts are increasingly emerging for enhancing our real and virtual worlds towards smart worlds as well as cyber-physical-social-thinking integrated hyper worlds. Accordingly, computing systems are growing in capability and complexity including hardware, software, communications, networks, platforms, services, etc. Advanced computing (AC) aims to discover, develop, and deploy computational and networking capabilities, and to design and develop novel computing systems and architectures.

At the same time, computing must be trustworthy to engender confidence that systems will remain secure and available. Trust/distrust relationships in the Internet, Web applications and pervasive infrastructures are key factors to enable dynamic interaction and cooperation of various users, systems, and services. Trusted computing (TC) aims at making computing and communication systems and services available, predictable, accountable, controllable, assessable, sustainable, dependable, persistent, and secure.

ATC conferences have taken a leading role in addressing these challenges and achieving practical advanced computing systems with truly trustworthy services. Started in 2005, the series of ATC conferences have been held at Nagasaki (Japan), Vienna (Austria), Three Gorges (China), Hong Kong (China), Oslo (Norway), Brisbane (Australia), Xi'an (China), Banff (Canada), Fukuoka (Japan), Vietri sul Mare (Italy), Bali (Indonesia) and Beijing (China). ATC 2016 will include a highly selective program of technical papers, accompanied by workshops, panel discussions, and keynote speeches. Established as a premier venue in the area of advanced and trusted computing, ATC 2016 will offer a forum for researchers to exchange ideas and experiences in the most innovative research and development in these challenging areas and include all technical aspects related to Advanced Computing (AC) and Trusted Computing (TC).

The ATC 2016 topics include, but are not limited to:

Track 1: Software Defined Networking Security and Trust

Track 2: Cryptocurrencies and Blockchain based Systems

Track 3: Privacy Preservation in Big Data

Track 4: Middleware for IoT

Track 5: Service Engineering for IoT

Track 6: Trust, Security and Privacy in Social Networks

Track 7: Trust Models Management and Standards

Track 8: Trustworthy authentication in Pervasive Computing

Track 9: Privacy and trust management in distributed systems

Track 10: Privacy and Security in Smart City Environments

Track 11: Advanced Intelligent Computing and Algorithms for Sensory Data

Track 12: Multi-modal Fusion for Cognitive Computing

## IMPORTANT DATES

**Paper Submission Deadline:** **March 25, April 8 2016 (Firm Deadline)**

**Authors Notification:** **May 6, 2016**

**Final Manuscript Due** **May 20, 2016**

## WORKSHOPS

We invite proposals for workshops associated with the conference, addressing research areas related to the conference. Accepted workshop papers will be included in the proceedings published by IEEE CS Press. Send your proposals to [atc2016@easychair.org](mailto:atc2016@easychair.org)

## PAPER SUBMISSION

Main conference papers are limited to 8 pages (full papers), or 4 pages (short papers), following the IEEE CS format, and are to be submitted as PDF via the ATC 2016 submission site:

<https://easychair.org/conferences/?conf=atc2016> .

## PAPER PUBLICATION

Accepted conference papers will be published by IEEE CPS (IEEE-DL and EI indexed). At least one author of each accepted paper is required to register and present their work at the conference; otherwise the paper will not be included in the proceedings.

Selected papers, after further extensions and revisions, will be recommended to special issues.

More details at: <http://atc2016.sciencesconf.org/resource/page/id/4>

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