

SMART DIGITAL FUTURES



Mantra on View Hotel, Gold Coast, Australia
20-22 June 2018

KES
International



Springer

WELCOME

Welcome We are pleased to invite participation in Smart Digital Futures 2018, a multi-conference event co-locating six high-quality conferences on leading edge smart systems topics in a beautiful location. The conference will consist of keynote talks, oral presentations, invited sessions and workshops, on the applications and theory of various aspects of smart systems and related areas. It will provide a great opportunity to present your work to a vibrant multi-disciplinary audience, get it published in by a world leading publisher, make some new contacts, and see something of the Gold Coast.

Conference Proceedings Accepted papers will be published by **Springer** and submitted to be indexed in **Scopus** and Thomson-Reuters **Conference Proceedings Citation Index (CPCI)** and the **Web of Science**.

Invited Sessions Proposals are invited from senior and prominent academics to organise sessions or workshops gathering at least six papers from researchers at a range of research centres or universities around the world.

Registration A single registration fee provides entry to all conferences, including lunches, coffees etc., and publication of a paper in the conference proceedings. *Also register at discount for Sustainability in Energy and Buildings and Sustainable Design and Manufacturing 24-26 June in same location.*

THE CONFERENCES AND THEIR SCOPE

AGENT AND MULTI-AGENT SYSTEMS: TECHNOLOGY AND APPLICATIONS (KES-AMSTA-2018)

<http://amsta-18.kesinternational.org>

AMSTA-18 is an international scientific conference for research in the field of agent and multi-agent systems. Multi-agent systems consist of autonomous and collaborative agents that have particular degree of mobility and intelligence. Such systems have a wide range of practical applications, for example in the digital and knowledge economy, autonomous systems and industrial applications.

General Chairs: *G. Jezic, University of Zagreb, Croatia & J. Chen-Burger, Heriot-Watt University, Scotland, UK*

INTELLIGENT DECISION TECHNOLOGIES (KES-IDT-2018)

<http://idt-18.kesinternational.org>

The field of Intelligent Decision Technologies is interdisciplinary in nature. It bridges computer science and its development of artificial intelligence, information systems and its development of decision support systems, with a wide range of engineering and information systems applications.

General Chair: *Irek Czarnowski, Gdynia Maritime University, Poland*

INTELLIGENT AND INTERACTIVE MULTIMEDIA SYSTEMS AND SERVICES (KES-IIMSS-2018)

<http://iimss-18.kesinternational.org>

At a time when computers are more widespread than ever and computer users range from highly qualified scientists to non-computer expert professionals, Intelligent Interactive Systems are becoming a necessity in modern computer systems. The solution of "one-fits-all" is no longer applicable to wide ranges of users of various backgrounds and needs. Therefore one important goal of many intelligent interactive systems is dynamic personalization and adaptivity to users.

General Chairs: *Giuseppe De Pietro & Luigi Gallo, National Research Council, Italy*

DEADLINES: General Sessions

Submission of papers: **12 January 2018**

Notification of acceptance: **9 February 2018**

Final paper to be uploaded by: **9 March 2018**

All deadlines and other details are provisional at the stage. See websites for latest information.

INNOVATION IN MEDICINE AND HEALTHCARE (KES-InMed-2018)

<http://inmed-18.kesinternational.org>

InMed-18 will gather a multi-disciplinary group consisting of researchers and engineers, managers, students and practitioners from the medical arena, to discuss the ways that innovation, knowledge exchange and enterprise can be applied to issues relating to medicine, surgery, healthcare and the issues of an ageing population.

General Chair: *Yen-Wei Chen, Ritsumeikan University, Japan*

SMART EDUCATION AND E-LEARNING (KES-SEEL-2018)

<http://seel-18.kesinternational.org>

SEEL is a major international forum for the presentation of innovative ideas, approaches, technologies, systems, findings and outcomes of research and design and development projects in the emerging areas of smart education, strategies and approaches for smart teaching, learning, and e-learning, applications of smart technology and smart systems in education and e-learning, smart classrooms and smart universities, and knowledge-based smart society.

General Chair: *Vladimir Uskov, Bradley University, USA*

SMART TRANSPORTATION SYSTEMS (KES-STs-2018)

<http://sts-18.kesinternational.org>

Modern transportation systems have been transforming rapidly in recent years. A series of vehicle technology innovations have blossomed in the past couple decades, just to mention a few examples, connected vehicles, self-driving cars, electric vehicles, Hyperloop, and even flying cars, which has imposed fundamental change on transport systems across the world. These innovations and breakthroughs have motivated researchers on Smart Transportation Systems (ITS) to expand the frontiers of relevant concepts and skillsets, which will affect the transport infrastructure modelling, safety analysis, freeway operations, intersection analysis, and other related leading edge topics.

General Chair: *Xiaobo Qu, University of Technology Sydney, Australia*

DEADLINES: Invited Sessions and Workshops

Proposal for Invited Sessions/Workshops: **3 November 2017**

Session/Workshop Chair sets submission deadlines

Final paper to be received by: **9 March 2018**

SDF-18 Honorary Chairs:
Lakshmi Jain, University of Canberra, Australia & Ljubo Vlacic, Griffith University, Australia

SDF-18 Executive Chair:
Robert Howlett, Bournemouth University, UK