



# 11<sup>th</sup> IEEE International Conference on RESEARCH CHALLENGES IN INFORMATION SCIENCE



10-12 May 2017, Brighton, United Kingdom

Paper submission deadline: **January 31, 2017**

<http://rcis-conf.com/>



## CALL FOR PAPERS

The goal of RCIS is to bring together scientists, researchers, engineers and practitioners from a wide range of information science fields and provide opportunities for knowledge sharing and dissemination. RCIS has become a recognised conference on research challenges in information sciences. Organised for the 11<sup>th</sup> time in a row, RCIS 2017 will be held from May 10-12, 2017, in Brighton, United Kingdom.

### TOPICS OF INTEREST

At RCIS 2017, among other regular topics, a special attention will be given to the special topic “**Security and Privacy for Information Science**”. Information plays a central part in almost every aspect of human life. With the advent of technologies both at hardware level (e.g. smart phones and mobile devices), and software level (e.g. cloud computing, big data), which support the collection, storage and analysis of information at any time and at any place, organisations, industry, governments but also individuals are able to access and share information like never before. However, although there is information that everyone is willing to share, there is also sensitive and confidential information that needs to remain private and secure, such as medical records, bank accounts, military plans, but also information that individuals consider private, such as photos, videos, and so on. This year’s RCIS theme aims to explore the role of information science models, tools and methods that support security and privacy.

RCIS welcomes submissions from a diverse spectrum of information science. The list of themes and topics includes, but is not limited to, the following themes and topics:

#### Information Systems and their Engineering

- Requirements Engineering
- Software Engineering and Testing
- Model-Driven Engineering
- Information Systems Development Methods and Method Engineering

#### Data and Information Management

- Databases and Information
- Information Search and Discovery
- Conceptual Modelling and Ontologies
- Information Security and Risk Management
- Big Data, Right Data

#### Applications

- E-Health
- E-Government
- E-Commerce
- Web-Based Applications and Services
- Smart Cities

#### Information Infrastructures

- Cyber-Physical Systems
- Web Information Systems
- Grid Computing and Cloud Computing
- Internet of Things
- Pervasive and Mobile Computing

#### User-Oriented Approaches

- Human-Computer Interaction
- Social Computing and Social Network Analysis
- User-Centred Approaches
- Collaborative Computing
- Information Science and the Wisdom of the Crowd

#### Enterprise Engineering

- Business Process Engineering and Management
- Process Mining
- Enterprise Modelling
- Information Science within Reengineering Scenarios
- Context-aware Organisations

#### Business Intelligence

- Big Data & Business Analytics
- Decision Information Systems
- Knowledge Management
- Knowledge Discovery from Data
- Information and Value Management

#### Reflective Research and Practice

- Research Methodologies in Information Science
- Impact of Information on the Enterprise and the Individual
- Lifecycle Models
- Design Science and Rationale
- Action Research and Case Studies in Information Science

Tutorials, Doctoral Consortium, Posters and Demos will complement the main conference.

## SUBMISSION PROCESS

Papers that have already been accepted or are currently under review for other conferences or journals will not be considered for publication at RCIS 2017. Papers should be in English and must be associated to one of the following categories:

- **Technical solution papers** present solutions that are novel or significantly improve existing solutions. A technical solution paper must include a preliminary validation of the proposed solution, and results must be stated clearly enough so that it is possible to validate them in later research. Maximum page count is 12.
- **Evaluation papers** evaluate existing problem situations or validate proposed solutions through scientific means, i.e. by empirical studies, experiments, case studies, simulations, mathematical proofs, etc. The research method must be sound and appropriate. Maximum page count is 12.
- **Industrial practice and experience papers** present problems or challenges encountered in practice, describe success or failure stories, or report on industrial practice. The practice must be clearly described and its context must be given. Maximum page count is 12.
- **Work in progress papers** present relevant preliminary results that may not have been fully validated yet. The work presented should be advanced enough as to show its contribution and significance. Maximum page count is 6.

The submission site address is <https://www.easychair.org/conferences/?conf=rcis2017>

*By submitting a paper, authors implicitly agree that at least one of them will register to the conference and present the paper.* It is expected that at least one author will register for each accepted paper. Only papers that have been presented by their authors during the conference will be published as part of the IEEE Proceedings.

Authors of best papers will be invited to submit an extended version to a special issue of one of the following journals: [International Journal of Information System Modeling and Design](#) (IGI), or [Complex Systems Informatics and Modeling Quarterly](#).

Accepted papers will be submitted to IEEE for publication in IEEE Xplore digital library using the IEEE 2-column format ([http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)). In case you wish to format your paper according to this template you may use the IEEE PDF eXpress tool (<http://www.pdf-express.org/>) to convert your source file into an IEEE Xplore-compliant PDF file or to check if your own PDF file is IEEE Xplore-compliant. IEEE PDF eXpress is a free service to IEEE conferences, allowing their authors to make IEEE Xplore-compatible PDFs (conversion function) or to check PDFs that authors have made themselves for IEEE Xplore compatibility (PDF check function). The conference ID for the IEEE PDF eXpress can be found on the RCIS 2017 web site. It is important to note that submitting a file to IEEE PDF eXpress is only for creation or checking of a compliant PDF file and does not work as a submission; you must still submit your final paper through the submission site indicated above. For more information about how to use IEEE PDF eXpress, please see <http://rcis-conf.com/rcis2017/express.php>.

## IMPORTANT DATES

- Regular paper submission deadline: **January 31, 2017 (23:59 AoE – Anywhere on Earth)**
- Notification to authors and registration opening: **March 15, 2017**
- Author registration deadline for all paper types: **April 07, 2017**
- Camera-ready copy deadline for all paper types: **April 07, 2017**
- Conference: **May 10-12, 2017**

## CONFERENCE COMMITTEES

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An updated version of this call can always be found in <http://rcis-conf.com/> .