

## CALL FOR PAPERS

**SSH 2016: The 4th International Workshop on Service Science for e-Health**  
**co-located with 18th IEEE International Conference on e-Health Networking, Application & Services (HEALTHCOM 2016)**  
**Munich, GERMANY – September 14-17, 2016**  
<http://www.ssh2016.pwr.edu.pl/>

### Objectives and topics

Recent technological solutions in computing and networking have largely made remote health services accessible worldwide.

However, the key requirements for making a full potential of any healthcare systems include ubiquitous access to medical services, their personalization encompassing specific functionalities, broadly understood security of the patient's personal data, openness to new networking technologies and techniques for the purpose of flexible management of the quality of service (QoS) and the considerable experience of the healthcare systems' developers.

Service science is an emerging interdisciplinary approach to design, implement and evaluate complex service systems. It integrates science with ICT technologies and business to provide a value added domain-specific applications of service-based systems.

The application of service science to the e-Health area is a natural tendency to build platforms, software which meet both the current and future demands of the healthcare domain.

The core objective of the workshop is to bring together delegates from academia, industry and healthcare business to present recent advances in the field of e-Health. High quality interdisciplinary papers that present innovative solutions in service science for healthcare systems are the most welcome.

Prospective authors are invited to submit their original contributions covering completed or ongoing work related to the area of service science for healthcare.

The topics of interest include, but are not limited to:

- e-Health services design and implementation
- Business models for e-Health services' delivery
- Cloud computing for e-Health
- Internet of Things for e-Health
- Middleware for e-Health services
- Models and methods for decision making support in the healthcare domain
- Network architectures for e-Health
- Service-based e-Health systems
- Virtual and augmented reality for e-Health
- Wireless access to e-Health services
- Mobile Health solutions
- ICT-Mediated medical information exchange

### Important dates

**Paper submission deadline:** 30 June 2016

**Notification of acceptance :** 31 July 2016

**Camera-ready papers :** 31 August 2016

**Conference date :** 14-17 September 2016

## Submission & Proceedings

- Prospective authors are invited to submit their papers using the EDAS System at <https://edas.info/newPaper.php?c=22498&track=80455>
- A full paper should not have more than five (5) IEEE style pages including the results, figures and references.
- All the papers will be reviewed using the standard reviewing procedure (by at least 2 independent anonymous reviewers).
- Accepted papers will be published on IEEE Xplore <http://ieeexplore.ieee.org/>
- Authors of selected papers will be invited to submit extended versions of their papers to the following international journals:
- Artificial Intelligence in Medicine, Elsevier, IF (2014): 2.019 <http://www.journals.elsevier.com/artificialintelligence-in-medicine/>
- Statistical Methods in Medical Research, SAGE Publishing, IF (2014): 4.472, <http://smm.sagepub.com/> • Computers in Human Behaviour, Elsevier, IF (2014): 2.694 <http://www.journals.elsevier.com/computers-in-humanbehavior/>

Following the successful earlier conferences at Bangalore (2006), Lyon (2007), London (2008), Michigan (2009), Thunder Bay (2010), Melbourne (2011), Macau (2012), Islamabad (2013) Thailand (2014) and Jeju (2015) the eleventh event is being organized at Porto in Portugal in 2016. The International Conference on Digital Information Management is a multi-subdomain conference on digital information management, science and technology. The principal aim of this conference is to bring people in academia, research laboratories and industry together, and offer a collaborative platform to address the emerging issues and solutions in digital information science and technology. The ICDIM intends to bridge the gap between different areas of digital information management, science and technology. This forum will address a large number of themes and issues. The conference will feature original research and industrial papers on the theory, design and implementation of digital information systems, as well as demonstrations, tutorials, workshops and industrial presentations.

The 11th International Conference on Digital Information Management will be held during September 19-21, 2016 at Porto in Portugal.

The topics in ICDIM 2016 include but are not confined to the following areas.

- Information Retrieval
- Data Grids, Data and Information Quality
- Big Data Management
- Temporal and Spatial Databases
- Data Warehouses and Data Mining
- Web Mining including Web Intelligence and Web 3.0
- E-Learning, eCommerce, e-Business and e-Government
- Natural Language Processing
- XML and other extensible languages
- Web Metrics and its applications
- Enterprise Computing
- Semantic Web, Ontologies and Rules
- Human-Computer Interaction
- Artificial Intelligence and Decision Support Systems
- Knowledge Management
- Ubiquitous Systems
- Case Studies on Data Management,
- Monitoring and Analysis
- Security and Access Control
- Information Content Security
- Mobile, Ad Hoc and Sensor Network Security
- Distributed information systems

- Information visualization
- Web services
- Quality of Service Issues
- Multimedia and Interactive Multimedia
- Image Analysis and Image Processing
- Video Search and Video Mining
- Cloud Computing

ICDIM 2016 has the following co-located workshops

### **Workshops**

Fifth Workshop on Advanced Techniques on Data Analytics and Data Visualization  
 Fourth IEEE International Workshop on Data Management  
 Second Workshop on Internet of Things  
 Second Workshop on Big Data Mining  
 Second Workshop on Cluster Computing  
 Second Workshop on Intelligent Information Systems

### **Proceedings**

- All the accepted papers will appear in the proceedings published by IEEE.
- All papers will be fully indexed by IEEE Xplore.
- All the ICDIM papers are indexed by DBLP.

Modified version of the selected papers will appear in the special issues of the following peer reviewed journals.

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1. Journal of Digital Information Management (SCOPUS/ EI)
  2. Journal of Electrical Systems
  3. Recent Advances in Electrical & Electronic Engineering
  4. International Journal of Web Applications (IJWA)
  5. International Journal of Information Technology and Web Engineering (IJITWE)
  6. International Journal of Emerging Sciences (IJES)
  7. International Journal of Grid and High Performance Computing (IJGHPC) (Scopus and EI Indexed)
  8. International Journal of Computational Science and Engineering (Scopus and EI Indexed)
  9. International Journal of Big Data Intelligence
  10. International Journal of Applied Decision Sciences (Scopus/EI)
  11. International Journal of Management and Decision Making (Scopus/EI)
- Peer to Peer Data Management
  - Interoperability
  - Mobile Data Management

- Data Models for Production Systems and Services
- Data Exchange issues and Supply Chain
- Data Life Cycle in Products and Processes

12 International Journal of Strategic Decision Sciences

13. International Journal of Enterprise Information Systems (Scopus/EI

### **Important Dates**

Full Paper Submission	- July 10, 2016
Notification of Authors	- August 1, 2016
Registration Due	- September 1, 2016
Camera Ready Due	- September 1, 2016
Workshops/Tutorials/Demos	- September 20, 2016
Main conference	- September 19-21, 2016

SUBMISSIONS AT <http://www.icdim.org/submission.html>

### **Committee**

#### **General Chair**

Ramiro Sámano Robles, Instituto Superior de Engenharia do Porto Rua, Portugal

#### **Program Chairs**

Arun Pujari, Central University of Rajasthan, India  
Antonio J. Tallón-Ballesteros, University of Seville, Spain

#### **Co-Chairs**

Robert Bierwolf, IEEE TEMS, Netherlands  
Imran Bajwa, The Islamia University of Bahwalpur, Pakistan  
Feliz Lustenberger, Espros Photonics Corporation,  
Switzerland  
Francesco Piccialli, University of Naples “Federico II”, Italy

#### **Workshop Chair**

Simon Fong, University of Macau, Macau

Email: conference at icdim.org  
SUBMISSIONS AT <http://www.icdim.org/submission.html>