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SSH 2015: The 3rd International Workshop on Service Science for e-Health

Co-located with 17th IEEE International Conference on e-Health Networking, Application & Services (HEALTHCOM 2015)

Boston, USA – October 14-17, 2015

<http://www.ssh2015.pwr.edu.pl/>

CALL FOR PAPERS

Technological developments in computing and networking have largely made the delivery of health services possible from a distance. The key requirements for current and emerging healthcare systems are ubiquitous access to services, delivery of personalized services, broadly understood security, openness to new networking technologies and techniques for the purpose of flexible management of the quality of service (QoS) and delivery of high quality of experience (QoE). The fulfillment of the above requirements will lead to the utilization of Future Internet architectures and concepts (e.g., Internet of Things, Internet of Services, Internet of Media) as well as new system design paradigms (e.g., communication enabled applications, service oriented architecture, user centrality, content and context awareness) to design and implement advanced e-Health systems.

Service science is an emerging interdisciplinary approach to design, implement and evaluate complex service systems. It brings together science, ICT technologies and business to provide an added value to domain-specific applications of service-based systems. Service science is often defined as application of scientific, engineering, and management disciplines that integrate elements of computer science, operations research, industrial engineering, business strategy, management sciences, and social and legal sciences, in order to encourage innovation in how organizations create value for customers and shareholders that could not be achieved through such disciplines working in isolation. The application of service science in the e-Health area seems to be a natural approach to build platforms, systems and applications which meet current and future demands of the healthcare domain.

The main aim of the workshop is to bring together representatives of academia, industry and healthcare business to present recent advances in the field of e-Health. The most welcome are high quality interdisciplinary papers presenting utilization of service science to develop new or enhance existing healthcare systems and services. 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
- 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

PAPER SUBMISSION

Prospective authors are invited to submit their papers using the EDAS System at <https://edas.info/newPaper.php?c=19397>. A full paper should not have more than five (5) IEEE style pages including results, figures and references. Papers will be reviewed with the standard reviewing procedure (with at least 2 independent anonymous reviews). Accepted papers will be published on IEEE Xplore (<http://ieeexplore.ieee.org/>). Selected papers will be considered to be published in dedicated special issues of the following international journals (to be confirmed):

- Mathematical Problems in Engineering – IF=1,082 (<http://www.hindawi.com/journals/mpe/>)
- Cybernetics and Systems: An International Journal – IF=0,507 (<http://www.tandfonline.com/loi/ucbs20>)

Note: The IEEE reserves the right to exclude a paper from distribution after the conference (including its removal from IEEE Xplore) if the paper is not presented. To be published in the IEEE SSH 2015 Workshop Proceedings and to be eligible for publication in IEEE Xplore®, an author of an accepted paper is required to register for the workshop and the paper must be presented by an author of that paper at the workshop unless the TPC Chair grants permission for a substitute presenter arranged in advance of the event and who is qualified both to present and answer questions. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers in the workshop, one registration is valid for up to 2 papers. Papers will be published in the IEEE HEALTHCOM 2015 Workshop Proceedings and submitted to IEEE Xplore®.

Important dates

- **Paper Submission:** **June 30, 2015**
- **Notification of acceptance:** **July 31, 2015**
- **Submission of camera-ready papers:** **August 31, 2015**