



CISIM 2017 Conference – Bialystok, Poland

16th International Conference on Computer Information Systems and Industrial Management Applications

Bialystok, June 16–18, 2017

Faculty of Computer Science

Bialystok University of Technology

SPECIAL SESSION ON: ENGINEERING OF ENTERPRISE SOFTWARE PRODUCTS

SPECIAL SESSION ORGANIZER:

Nabendu Chaki, Professor, University of Calcutta, India (nabendu@ieee.com)

TECHNICAL OUTLINE OF THE SESSION AND TOPICS:

The discipline of Software Engineering has already established itself as a prime contributor towards sustenance and accelerated growth of infrastructural development process of enterprise system. Major areas of concerns regarding effectiveness of software products in the domains of their applicability generally emanate from the proper lack of understanding of the requirements and formulation of appropriate functional specializations. The complexity has further grown due to wide adoption of distributed computing paradigm in enterprise software. Absence of common consensus on proper process model for enterprise software and together with non-availability of sufficient software methodologies very often make the software development process difficult for enterprise level software products.

This special session aims at addressing these critical issues concerning the engineering of enterprise software products in the perspective of industrial technology through bringing together the researchers and practitioners from industry and academia. Major areas of prime focus will be formal modeling, functional specifications, verification & validation, performance evaluation etc. The session will also concentrate on state-of-the art research trends making enterprise software products more effective. The topics will include, but are not limited to, the following areas:

- Business Process Modelling
- [Business Intelligence and Big Data](#)
- Interoperability and Service-Oriented Architecture
- [Enterprise Software Technologies](#)
- Trust, Security and Privacy of Enterprise Software
- [Cloud Computing based Software Development](#)
- Internet and Web-Based Software Development
- [Workflow Management, Distributed Computing and Performance Evaluation](#)
- Mobile Software Development
- [Tools for Enterprise Product Development](#)
- Enterprise Software Quality Management

SPECIAL SESSION TECHNICAL COMMITTEE

Nabendu Chaki, University of Calcutta, India, Chair

Alcino Cunha, HASLab & University of Minho, Portugal

Anirban Sarkar, NIT Durgapur, India, Co-Chair

Aditya Ghosh, Wollongong University, Australia

Ditipriya Sinha, NIT-Patna, India

Esref Adali, ITU Istanbul Technical University, Turkey

Jose Proenca, University of Minho, Portugal

Jyoti Prakash Singh, NIT-Patna, India

Narayan Debnath, Winona State University, USA

Manoj Singh Gaur, MNIT-Jaipur, India

Raju Halder, IIT-Patna, India

Rituparna Chaki, University of Calcutta, India

Sambit Bakshi, NIT Rourkela, India

Samiran Chattopadhyay, Jadavpur University, India

Sankhayan Choudhury, University of Calcutta, India

Sukriti Bhattacharya, Luxembourg Institute of Science and Technology, Luxembourg

PUBLICATIONS

Papers accepted in the Special Session will be published in the conference proceedings in the Lecture Notes in Computer Science series, by Springer-Verlag.

IMPORTANT DATES

Paper Submission: February 19, 2017

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