

# FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS

Lodz, Poland 13-16 September, 2015



## Call for Events:

The FedCSIS multi-conference consists of a significant number of antecedent Events, but the Call for Events is open in all areas of computer science and information systems and new proposals for associated Events (conferences, symposia, workshops, special sessions, etc.) are cordially invited until **October 31, 2014**.

The proposals should be prepared according to requirements specified in the Call for Events on the conference website <http://www.fedcsis.org> and emailed in a single pdf file to [secretariat@fedcsis.org](mailto:secretariat@fedcsis.org)

The Events will be selected based on the scientific/technical interest and/or their relevance to practitioners in their topics, the clarity of the proposal in addressing the requested information, the innovativeness of the Event topics, and the capacity in the FedCSIS conference program.

e-mail: [secretariat@fedcsis.org](mailto:secretariat@fedcsis.org)  
[www.fedcsis.org](http://www.fedcsis.org)



## EMERGING ASPECTS IN INFORMATION SECURITY (EAIS'15)

Lodz, Poland 13-16 September, 2015



### 2<sup>nd</sup> Workshop on Emerging Aspects in Information Security (EAIS'15)

Admittedly, information security works as a backbone for protecting both user data and electronic transactions. Protecting the communication and data infrastructure of an increasingly inter-connected world has become vital nowadays. Security has emerged as an important scientific discipline whose many multifaceted complexities deserve the attention and synergy of the computer science, engineering, and information systems communities. Information security has some well-founded technical research directions which encompass access level (user authentication and authorization), protocol security, software security, and data cryptography. Moreover, some other emerging topics related to organizational security aspects have appeared beyond the long-standing research directions.

The Emerging Aspects in Information Security (EAIS'15) workshop focuses on the diversity of the information security developments and deployments in order to highlight the most recent challenges and report the most recent researches. The workshop is an umbrella for all information security technical aspects. In addition, it goes beyond the technicalities and covers some emerging topics like social and organizational security research directions. EAIS'15 is intended to attract researchers and practitioners from academia and industry, and provides an international discussion forum in order to share their experiences and their ideas concerning emerging aspects in information security met in different application domains. This opens doors for highlighting unknown research directions and tackling modern research challenges. The objectives of the EAIS'15 workshop can be summarized as follows:

- To review and conclude researches in information security and other security domains, focused on the protection of different kinds of assets and processes, and to identify approaches that may be useful in the application domains of information security
- To find synergy between different approaches, allowing to elaborate integrated security solutions, e.g. integrate different risk-based management systems
- To exchange security-related knowledge and experience between experts to improve existing methods and tools and adopt them to new application areas
- To present latest security challenges, especially with respect to EC Horizon 2020

### Paper submission

- Authors should submit draft papers (as Postscript, PDF or MSWord file).
- The total length of a paper should not exceed 12 pages IEEE style (including tables, figures and references). IEEE style templates are available here.
- Papers will be refereed and accepted on the basis of their scientific merit and relevance to the workshop.
- Preprints containing accepted papers will be published on a USB memory stick provided to the FedCSIS participants.
- Only papers presented at the conference will be submitted for inclusion in the IEEE Xplore® database.
- Conference proceedings will be published in a volume with ISBN, ISSN and DOI numbers and posted at the conference WWW site.
- Conference proceedings will be indexed in BazEkon and submitted for indexation in: Thomson Reuters - Conference Proceedings Citation Index, SciVerse Scopus, Inspec, Index Copernicus, DBLP Computer Science Bibliography and Google Scholar
- Extended versions of selected papers presented during the conference will be published as Special Issue(s) of
  - Informatica (Slovenia)
  - EURASIP Journal on Information Security (Open Access)
  - Theoretical and Applied Informatics
- Organizers reserve right to move accepted papers between FedCSIS events.

## Call for Papers:

The FedCSIS Events provide a platform for bringing together researchers and practitioners to present and discuss ideas, challenges, and new solutions in computer science and information systems. Topics of interest are defined by Events constituting FedCSIS and listed on <http://www.fedcsis.org>. The papers should be submitted to the chosen Event by April, 24, 2015 using the FedCSIS submission system available at <http://www.fedcsis.org>

Accepted and presented papers will be published in the IEEE Xplore Digital Library proceedings entitled "2015 Federated Conference on Computer Science and Information Systems (FedCSIS)". Because the IEEE proceedings will be published under nonexclusive copyright, the Events' organizers will endeavor to arrange quality journals, edited volumes, etc. and will invite extended and revised papers for post-conference publications.

## Important Dates:

Submission of Event Proposals: **October 31, 2014**  
 Paper submission: **April 24, 2015**  
 Author Notification: **June 15, 2015**  
 Final submission and registration: **July 1, 2015**  
 Conference date: **September 13-16, 2015**

### Chair of FedCSIS 2015

Kucharski, Jacek  
 Łódź University of Technology

### Honorary Chair 2015

Sankowski, Dominik  
 Łódź University of Technology  
<http://www.kis.p.lodz.pl/sankowski.html?lang=en>

### Chair of the Organizing Committee of FedCSIS 2015

Romanowski, Andrzej  
 Łódź University of Technology  
<http://www.kis.p.lodz.pl/staff.44.html?lang=en>

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 Systems Research Institute, Polish Academy of Sciences,  
 Warsaw and University of Gdańsk, Poland  
<http://inf.ug.edu.pl/~mganzha/>

Maciaszek, Leszek A.  
 Wrocław University of Economics, Poland  
 and Macquarie University ~ Sydney, Australia  
<http://www.iae.ue.wroc.pl/maciaszek/en>

Paprzycki, Marcin  
 Systems Research Institute, Polish Academy of Sciences,  
 Warsaw and Management Academy, Warsaw, Poland  
<http://www.ibspan.waw.pl/~paprzycki/>

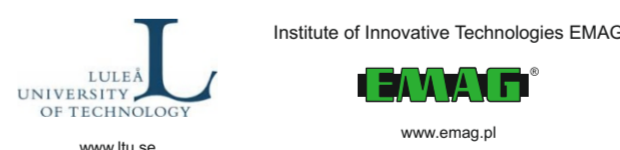


### Topics

Topics of interest include but are not limited to:

- Biometric technologies
- Human factor in security
- Cryptography and cryptanalysis
- Critical infrastructure protection
- Hardware-oriented information security
- Social theories in information security
- Organization- related information security
- Pedagogical approaches for information security
- Individual identification and privacy protection
- Information security and business continuity management
- Decision support systems for information security
- Digital right management and data protection
- Cyber and physical security infrastructures
- Risk assessment and risk management in different application domains
- Tools supporting security management and development
- Emerging technologies and applications
- Digital forensics and crime science
- Misuse and intrusion detection
- Security knowledge management
- Data hide and watermarking
- Cloud and big data security
- Computer network security
- Security and safety
- Assurance methods
- Security statistics

### EAIS'15 technical partners:



### FedCSIS is organized by:



### Under auspices of



**Lodz, Poland  
 13-16 September, 2015**

### Important dates

- ~~Call for event proposals: October 31, 2014~~
- Paper submission: Friday Apr 24 2015 12:00:00 pm HST
- Position paper submission: June 01, 2015
- Acceptance decision: June 15, 2015
- Final version of paper submission: July 01, 2015
- Final deadline for discounted fee: July 01, 2015
- Conference dates: September 13-16, 2015

### Event Chairs

- Awad, Ali Ismail, Luleå University of Technology, Sweden
- Bialas, Andrzej, Institute of Innovative Technologies EMAG, Poland

### Program Committee

- AbdAllah, Mohamed Mostafa, Yanbu Industrial College, Saudi Arabia
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- Stokłosa, Janusz, Poznań University of Technology
- Suski, Zbigniew, Military University of Technology
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- Yen, Neil, The University of Aizu, Japan
- Zamojski, Wojciech, Wrocław University of Technology
- Zieliński, Zbigniew, Military University of Technology

## Organizers

Contact: [eais2015@fedcsis.org](mailto:eais2015@fedcsis.org)