



INTERNATIONAL CENTRE FOR CHEMICAL SAFETY AND SECURITY (ICCSS)

CONFERENCE: RELIABILITY AND CYBERSECURITY IN INDUSTRY 4.0 *WARSAW UNIVERSITY OF TECHNOLOGY*

30TH AUGUST 2018

INTRODUCTION

Each day we hear news about hackers hijacking bank accounts, or about loss of huge of data, what reminds of the importance of IT (Information Technology) systems. Cybersecurity for industrial processes (OT – Operational Technology) is equally important. Industry 4.0 will bring ever-wider connection of industrial machines and equipment via Internet. Ensuring adequate reliability of control systems in an enterprise is a condition sine qua non for safe handling of industrial processes and operations.

The Conference will demonstrate the latest developments in critical infrastructure protection and trends in the fields of machine safety and control systems in the industry. The Conference will address a proper building of the industrial network, its connection with a wider IT networks, analysis of corporate architecture and ways it affects the design of security.

The Conference concentrates on practical aspects of increasing industry resilience against cyber threats by providing venue for exchanges of knowledge, experience and training, and ready solutions for implementation, both for engineers and for decision-makers in the company.

The Conference is a leading activity during a leading international events on the safety of automation: SafeProcess18, organized every three years, this time exceptionally in Warsaw. Participation in the Conference offers an opportunity to meet with outstanding figures from the world of safety of automation.

The Conference is addressed to all who supervise, manage and operate reliability and cyber-security in industry.

REGISTRATION

The participation is free of charge, after registration and receipt of the confirmation from the organizers via online registration: cybersecurity@iccss.eu

CONFERENCE VENUE

Warsaw University of Technology
Room 144, Plac Politechniki 1,
00-661 Warszawa

PROGRAM OF THE CONFERENCE

8:30-9:00	Registration
9:00-9:15	Opening of the conference - Cyber-security for Chemical Plants. Towards Roadmap to improve industry's resilience to cyberattacks – Amb. Krzysztof Paturej , <i>President, International Centre for Chemical Safety and Security (ICSS)</i>
9:15-9:45	Introduction to cybersecurity. The role of the Board of Directors in building cybersecurity culture – Dr. Andrzej Kozak , <i>International Federation of Automatic Control (IFAC NOC)</i>
9:45-10:05	Protection of industrial critical infrastructure from cyber threats. Mr. Krzysztof Malesa , <i>Deputy Director of Government Centre for Security.</i>
10:05-10:20	Building of partnerships to minimize cybersecurity threats in Industry, Dr. Tomasz Zieliński , <i>President of Board, Polish Chamber of Chemical Industry</i>
10:20-10:40	Coffee Break: possibility to visit exhibition stands of the companies and discussions with the participants of SafeProcess18
10:40-11:00	Protection against cyber threats – a vital condition of ensuring safety, security and business continuity in petrochemical industry. Dr. Roman Marzec , <i>Director for Security, Grupa LOTOS.</i>
11:00 - 11:30	Company Presentation: EMERSON Sp. z o.o., Mr. Ryszard Boroń , <i>Key Account Manager</i> , Cybersecurity and risk management in an enterprise
11:30- 11:45	Presentation: An example of a model organization properly reacting to cybersecurity incidents. Mr. Adam Paturej , <i>International Centre for Chemical Safety and Security (ICSS)</i>
11:45-12:00	The role of corporate architecture in cybersecurity. Presentation of the OKIT methodology showing holistic approach to management of safety process in the organization. Prof. Piotr Pacyna , <i>AGH University of Science and Technology</i>
12:00 - 12:15	Coffee Break: possibility to visit exhibition stands of the companies and discussions with the participants of SafeProcess18
12:15-12:45	Innovative solutions for process diagnostics for cybersecurity. Prof. Maciej Kościelny, Dr. Paweł Wnuk , <i>Institute of Automation and Robotics. Warsaw University of Technology</i>
12:45-13:00	Prof. Oleksandr Potii , <i>Deputy Chief Designer JSC Institute of Information Technology Kharkov, Ukraine: Defence against cyber attacks in Ukraine and lessons for industry</i>
13:00 - 14:00	Lunch Break
14:00 - 16:00	WORKSHOP: Building resilience for cyber threats. How to measure cybersecurity from the viewpoint of an engineer and how to measure it from viewpoint of Board Member. Mr. Adam Paturej , <i>International Centre for Chemical Safety and Security (ICSS)</i>

www.cybersecurity.icss.eu

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