



ICCSS



VISTULA

**II INTERNATIONAL SCIENTIFIC CONFERENCE**

**From the series: Contemporary views on chemical safety and security**

# **„The institutional dimension of chemical safety and security”**

**Warsaw  
Vistula University  
ul. Stokłosy 3, Room A2**

**December, 10 2019**

**Working together to ensure chemical safety and security**

Security as a strategic objective of state activities today should ensure stable existence and development of the communities living in their territories, achieved under conditions of balance between economic, social and environmental objectives. This means, inter alia, ensuring the specific quality of air, drinking water, food products and other consumer goods and safety in terms of access to chemicals.

Ensuring chemical safety and security is particularly important in view of the use of more than 100,000 chemical substances in the production and consumption of our products. They are essential for further civilisational development, for increasing the mobility of society and for the development of the European Union. However, they also pose a threat of industrial accidents and catastrophes, especially due to the rapidly decapitalising production and transport infrastructure.

**Second international scientific conference** from the series: Contemporary views of chemical safety and security, titled: " **The institutional dimension of chemical safety and security**" – is an initiative of the Vistula University Group and the International Centre for Chemical Safety and Security (ICCPS) in cooperation with national and international partners. The conference continues the initiated in July, 2019 at the 1st Scientific Conference, the process of integrating the efforts of representatives of science, industry and civil society to seek solutions to increase public and environmental safety in the face of the increasing use of chemical substances and the real threat of illegal use of chemical materials.

The conference will address important topics for strengthening internal security and deepen international cooperation to reduce the threats posed by the rapid development of chemical production and universal access to chemicals.

The conference will review the potential and opportunities for cooperation between representatives of academic circles from Poland and abroad, government agencies, industry, non-governmental organizations and social media in the scope of chemical and ecological safety and prevention of illegal use of toxic chemicals.

The conference will support international research and scientific cooperation to strengthen chemical and environmental security as well as cyber-security as an important element for the security of citizens and public activities in the face of growing threats to public security, industrial activities and the environment.

Looking forward to the meeting and the exchange of views,  
We cordially greet you,

PhD Wawrzyniec Konarski,



rector of  
AFiB Vistula

PhD Włodzimierz Fehler,



Chairman of the Conference

Amb. Krzysztof Paturej



director of International  
Centre for Chemical Safety  
and Security

## Conference Assumptions

Security as a strategic objective of the activities of modern states should include ensuring a stable existence and sustainable development of the population living in their territories, understood as a balance between economic, social and environmental objectives. This means, inter alia, ensuring access to high quality air, drinking water, food products and other consumer goods, as well as safety in the use of chemicals.

Ensuring chemical safety is a leading requirement with regard to use and production of more than 100,000 chemical products. They are essential for the further development of civilization, increasing the mobility of societies and feeding a rapidly growing population. On the other hand, they create a risk of industrial accidents and disasters, inter alia due to the rapidly decapitalising production and transport infrastructure.

Illegal activity using chemicals is also a factor that could destabilise international security and peace in the world. The emergence of a real threat of cyber-attacks on chemical installations, transport and storage sites requires effective preventive action to ensure that the computer is not used as a tool for the illicit use of chemicals.

Chemical safety is also the key to ecological safety, guaranteeing high quality of the environment. It is also inextricably linked to health security. Ensuring chemical safety and compliance with environmental standards becomes a leading condition for research and scientific activity. The priority challenge is to ensure that, within the framework of the development of science and research that supports the wide use of chemistry, society and public authorities are aware of the environmental and chemical risks.



## Goals of the Conference

The conference will address important topics for strengthening the internal security of countries and deepening international cooperation to reduce the threats posed by the rapid development of chemical production and universal access to chemicals.

The conference is a new undertaking for the development of cooperation between representatives of academic circles from Poland and abroad, government agencies, industry, non-governmental organizations and social media in the field of chemical and environmental safety and prevention of illegal use of toxic chemicals.

The conference will bring together representatives of academia, state administration and economy in the search for solutions increasing environmental and public safety in the context of wide use of chemical substances, as well as the possibility of illegal use of chemical materials.

The Conference will support international research and scientific cooperation in support of strengthening chemical and environmental security and cyber-security as well as cyber-security as an important element in the security of citizens and public activities in the face of increasing chemical threats to the environment, public security and industrial activities.

During the conference the inauguration of the international research project will take place. on the development of chemical and environmental security in the Eastern European countries and the Three Seas Initiative.



## Scientific-Programme Council:

1. **PhD Włodzimierz Fehler, Profesor** of University of Natural Sciences and Humanities in Siedlce – Chairman of the Conference
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8. **Prof. Oleg Narodowy**, National Aviation University of Kharkiv
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27. **Prof. PhD. Ireneusz Winnicki**, Military University of Technology
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29. **M.D. Andrzej Wojtyła**, Profesor of The President S. Wojciechowski State Higher Vocational School in Kalisz
30. **Gen. brig. res. PhD ing. Włodzimierz Zieliński**, Higher School of Security and Protection of Marshal J. Piłsudski in Warsaw

## Conference Program:

### I. 09.30–10.00 Opening Session – Room Aula 2A

1. PhD **Wawrzyniec Konarski**, Professor of AFiB, Rector of AFiB Vistula speech
2. Professor **Mirosław Kowal**, Rector of Lviv University of Life Science speech
3. Amb. **Krzysztof Paturej**, Director of International Centre for Chemical Safety and Security (ICCSS)
4. PhD **Włodzimierz Fehler**, Professor – Chairman of the Conference

### II. 10.00–12.30 Session I – Room Aula 2A

#### International dimension of chemical safety and security

**Chairman - PhD Jan Borkowski**, Senior Advisor, ICCSS Global Team

1. **Amb. Krzysztof Paturej**, International Centre for Chemical Safety and Security (ICCSS)  
*Management of chemical safety and security in a global context*
2. **Professor Mirosław Kowal**, Rector of Lviv University of Life Science, Ukraine  
*Development of the European Training Programme in Crisis Response*
3. **PhD Zdzisław Rapacki**, Chancellor of the Academy of Finance and Business Vistula,  
*Development of the CHEMSS EDU R&D network - international cooperation programme in education and training in chemical and environmental safety and security*
4. **PhD Robert Jablonski**, Metegrity, Canada  
*Risk management in the era of security digitalization*
5. **PhD Andrea Malizia**, Rome University „Tor Vergata”, Italy  
*Practical experience in the development and implementation of international education and training programmes in the field of CBRN*
6. **PhD Sergei Pastukhov**, University of Civil Protection, Minsk, Belarus  
*Prospects for regional cooperation in response to chemical threats using the European Civil Protection Mechanism*
7. **PhD Andrzej Kozak, M.Sc Waldemar Paturej**, International Centre for Chemical Safety and Security (ICCSS)  
*From cybersecurity in the enterprise and local office to national development and international solutions against cyber threats*
8. **PhD Jan Borkowski**, International Centre for Chemical Safety and Security (ICCSS)  
*Experience of the development and implementation of chemical safety and security in international organisations*

### III. 12.30–13.15 Lunch Break

### IV. 13.15–15.15 Session II – Room Aula 2A

**Chairman – PhD Włodzimierz Fehler**, Professor

1. **PhD Kinga Machowicz**, Professor of KUL, **PhD Włodzimierz Fehler**, Professor  
*Supervision and control over the manufacture and marketing of narcotic drugs and psychotropic substances - selected practical aspects*
2. **Gen. brig. res. PhD. ing. Tomasz Bąk**, University of Information Technology



and Management in Rzeszów

*Role and tasks of chemical troops in armed conflict and crisis situations*

3. **Lieutenant Colonel M.Sc. ing. Jarosław Wojciechowski**, Military Institute of Chemistry and Radiometry

*Improvement of skills of CBRN specialists. Practice of trainings conducted by Military Institute of Chemistry and Radiometry*

4. **Gen. brig. res. PhD. ing. Włodzimierz Zieliński**, Higher School of Security and Protection of Marshal J. Piłsudski in Warsaw, **M.Sc. Joanna Śliwińska**, Marshal J. Piłsudski Higher School of Security and Protection in Warsaw

*Microplastic pollution – Global Problem*

5. **PhD, ing. Mateusz Niedbała**, Technology and Entrepreneurship in Wood Industry, Warsaw University of Life Sciences

*Passive protection systems in chemical safety and security*

6. **PhD Ireneusz T. Dziubek Professor, PhD Bogumiła Pawlaczyk** from The President S. Wojciechowski State Higher Vocational School in Kalisz w Kaliszu

7. *Local harmonisation of chemical safety and security on the example of municipal guard capacities*

8. **M.Sc. Vera Tikhanovich**, International Centre for Chemical Safety and Security (ICCSS)

*Food safety is an important element of chemical safety and security*

**V. 15.15–15.30** Conference Summary – **PhD Włodzimierz Fehler, professor**  
Room Aula 2A – Award of certificates of participation

**15.30** Inauguration of an international research project on the development of chemical and ecological safety and security in the countries of Eastern Europe and the Tri-City..

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13. **Kamil Gefert**

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7. Institute of Security Sciences, University of Life Sciences and Humanities in Siedlce
8. Institute of Social Sciences Papal Faculty of Theology – Collegium Bobolanum in Warsaw
9. Institute for Risk Analysis at the University of Information Technology and Management in Rzeszów
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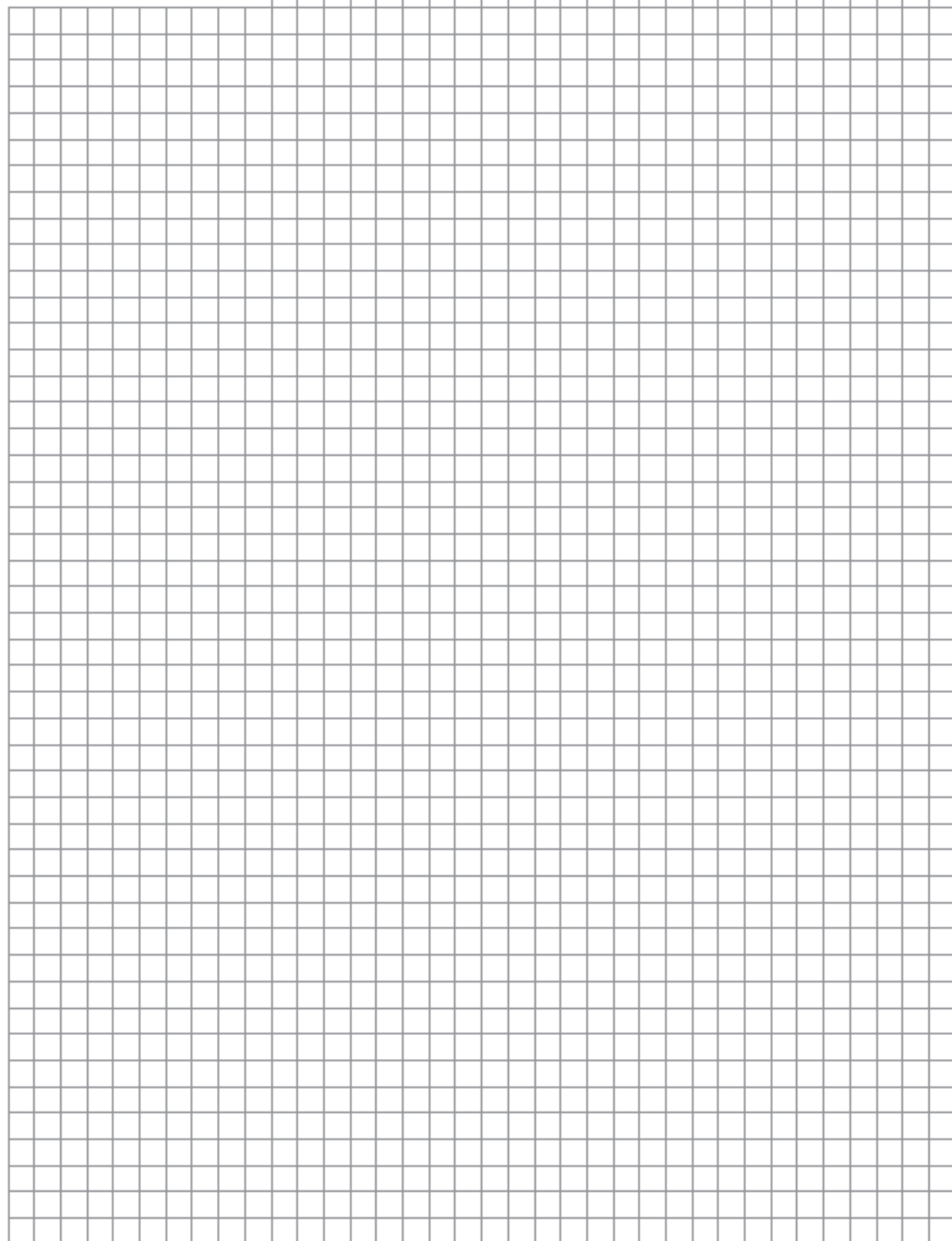
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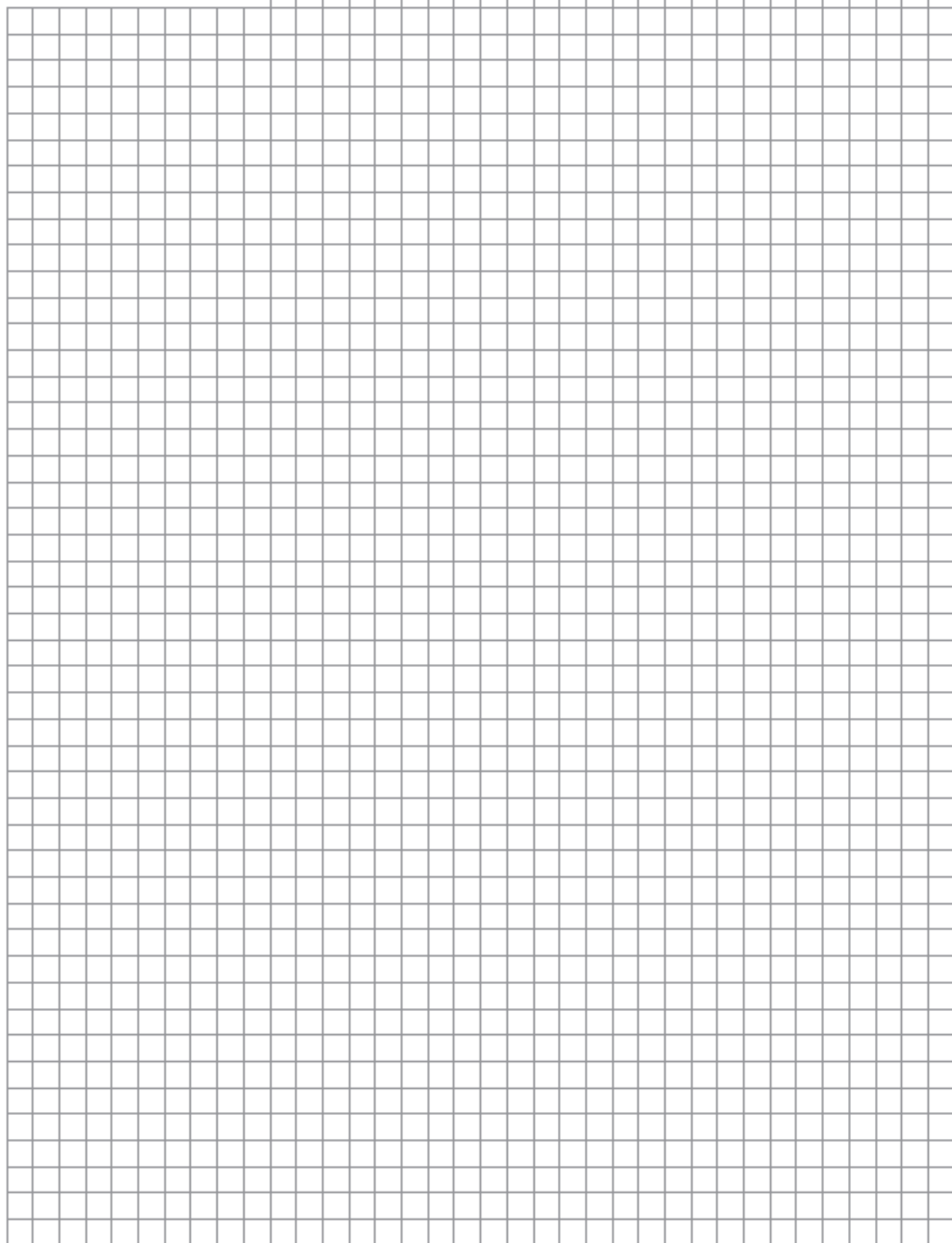


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