

INVITATION TO THE 2nd ANUAL INTERNATIONAL CONFERENCE ON  
CRITICAL INFRASTRUCTURE:

**CRITICAL INFRASTRUCTURE SYSTEMS IN THE AI ERA**

CIS-AI Nexus - Convergence Critical Infrastructure Systems and AI

**October 17-18<sup>th</sup>/2024, Hotel “Jugoslavija”, Belgrade (Serbia)**

Organized by the Center for Risk Analysis and Crisis Management - Belgrade, and  
with the support of the Ministry of Science, Technological Development and  
Innovation of the Republic of Serbia

**Dear Sir/Madam,**

**You are invited to the hibrid international conference:**  
**CRITICAL INFRASTRUCTURE SYSTEMS IN THE AI ERA**  
CIS-AI Nexus - Convergence Critical Infrastructure Systems and AI  
**Followed by the Exercise**

*Followed by an interactive exercise:*  
***Critical infrastructure systems in the era of artificial intelligence***  
***"Attack scenario and response to cyber incidents"***

*which will be held in Belgrade on October 17th and 18th, 2024, Hotel Jugoslavija,  
Belgrade (Serbia)*

Critical infrastructure systems (CIS) are the backbone of modern society, spanning a wide range of sectors including energy, transportation, water supply, telecommunications, security, healthcare, finance, etc. These systems are of vital importance for the functioning of economies, the well-being of citizens, as well as the efficient functioning of state bodies. They are interconnected and interdependent, which means that the disruption of even one system or part of it can have cascading and devastating effects in other systems and in society.

This requires constant investment in infrastructure maintenance, modernization and security measures, as well as cooperation between governments, private sector entities, scientific institutions, as well as civil society organizations.

On the other hand, the integration of AI into infrastructure systems has the potential to improve their resilience, security and efficiency, ensuring the continued functioning of essential services on which social stability relies. Many researchers and developers are widely applying methods and techniques that simulate human-like intelligence in the algorithmic operations of infrastructure systems. The potential benefits of using AI in CIS are undeniable, but careful planning, development and implementation of these solutions is necessary to minimize risks and ensure responsible use of this powerful technology. The exponential development and integration of AI into all aspects of technology has also raised social, legal and ethical dilemmas, and analysis stress that reliance on AI tools could create new system vulnerabilities that could be maliciously exploited.

We invite researchers, engineers, policymakers, industry leaders, practitioners, and investors to explore new methodologies, share best practices, and chart a path to a safer, more efficient, and adaptive infrastructure through the innovative integration of AI tools.

#### **Highlights:**

**Introductory speeches:** Eminent experts will share insights into the role of AI in protecting infrastructure systems.

**Panel discussions:** Debates on the future of infrastructure based on AI with the participation of representatives of the academic and business community, as well as representatives of relevant ministries and civil society organizations.

**Exercise:** Critical infrastructure systems in the era of artificial intelligence "Attack scenario and response to cyber incidents".

**Research Papers:** Presentations on new algorithms, case studies and best practices to be published in a categorized book of conference abstracts/proceedings.

#### **Accommodation recommended:**

*Garni Hotel Jugoslavija*, Bulevar Nikola Tesla 3, Belgrade, Serbia.

Room reservations are open until October 1, 2024. After this date, reservations cannot be guaranteed.

#### **Registration fee:**

The registration fee is 250e until September 1, 2024, then 300e until the start of the conference.

### **What does the registration fee include:**

- lunch on October 17 and 18
- coffee service during breaks
- conference material
- Danube and Sava cruise and a gala dinner (October 17)
- an interactive exercise on the topic Critical infrastructure systems in the era of artificial intelligence "Attack scenario and response to cyber incidents"
- conference book of abstract/proceedings

### **Contact:**

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