ICCECIP 2019

International Conference on Central European Critical Infrastructure Protection

Budapest, 18-19 November 2019

Conference program

Monday (18. November)

08:00 - 09:00	Registration
09:00 - 09:20	Opening Ceremony

Prof. Dr. Zoltán Rajnai

Prof. Dr. Miklós Maróth

Dr. Gábor Böröndi

Óbuda University, Donát Bánki Faculty of Mechanical and Safety Engineering
1081 Budapest, Népszínház str. 8., Hungary

Plenary lectures

Chairmen:	**Prof. Dr. Valeriu Gabriel Ghica** *(Romania)*
	Dr. Tünde Anna Kovács *(Hungary)*

09:20 - 09:40

Prof. Dr. Michel Arrigoni *(France)*

Considerations About Critical Infrastructure Protection, Practices from Experiments to Numerical Simulation

09:40 - 10:00

Dr. Robert C. Castel *(Israel)*

Critical Infrastructure Protection in Israel's National Parks: The Human Dimension

10:00 - 10:20

Prof. Dr. Marcin Gornikiewicz *(Poland)*

International Security Decision Making Process: impact of cultural codes

10:20 - 10:40

Prof. Dr. Pavel Manas *(Czech Republic)*

Improving the critical infrastructure protection

10:40 - 11:00

Coffe break

Chairmen:	**Prof. Dr. Agata Mesjasz-Lech** *(Poland)*
	Prof. Dr. Lívia Cvetityánin *(Hungary)*

11:00 - 11:15

Dr. Huu Hiep Nguyen *(Vietnam)*

Isolation, selection, and applying of probiotics bacteria for the production of safety chicken meat

11:15 - 11:30

Dr. Chiara Bedon *(Italy)*

Protecting soft tagets with glass: design strategies and challenges

11:30 - 11:45

Dr. Jovan Trajkovski *(Slovenia)*

On the numerical modelling of blast loaded critical infrastructure

11:45 - 12:00

Dr. Lucia Figuli *(Slovak Republic)*

Analysis of Selected Assets of Critical Infrastructure Against the Extraordinary Loads

12:00 - 12:15

Dr. János Besenyő *(Hungary)*

New Weapon of the Terror: Forest Fire

12:15 - 13:15

Launch

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Section 1.   Cyber Security of Critical Infrastructure

Chairmen: **Dr. Pál Michelberger** *(Hungary)*

Dr. Sándor Magyar *(Hungary)*

13:15 - 13:30	**Dr. Csaba Kollár** *(Hungary)*
	Information security challenges of the social credit system in the citizen's focus
13:30 - 13:45	**Lajos Záhonyi** *(Hungary)*
	Examination of the history of information security - The first ones
13:45 - 14:00	**Zsolt Szabó** *(Hungary)*
	The human firewall - The human side of cyber security
14:00 - 14:15	**Haya Altaleb** *(Jordan)*
	Electric vehicle charging infrastructure
14:15 - 14:30	**Döníz Borsos** *(Hungary)*
	Applications of LoRaWAN technology

Sections 2.   Individual Security of Critical Infrastructure I.
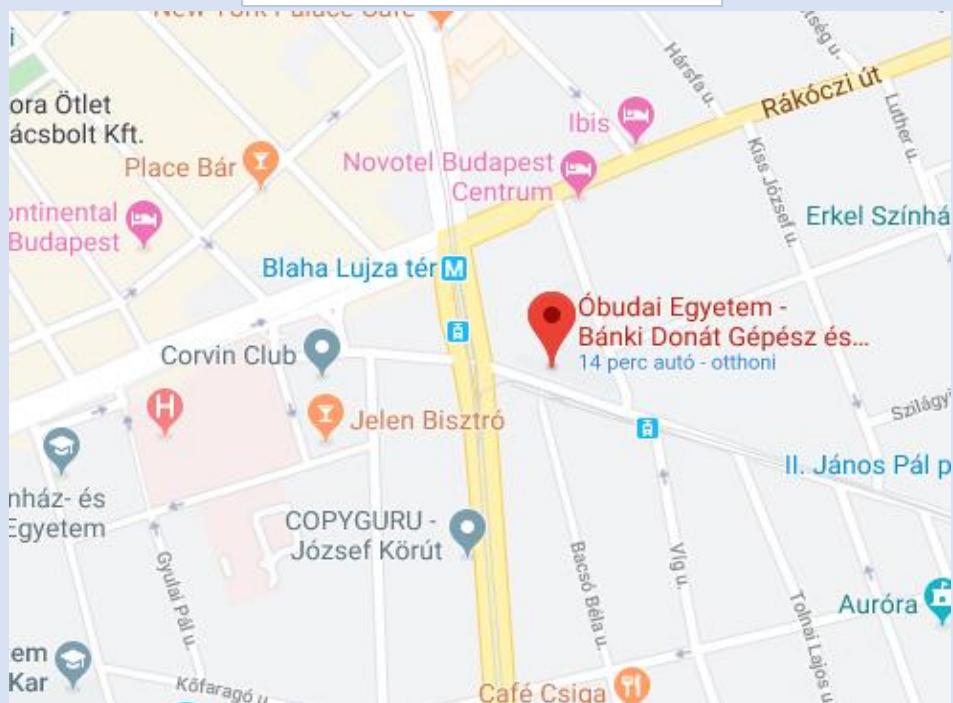
Chairmen: **Dr. Igor Fürstner** *(Serbia)*

Dr. Tamás Berek *(Hungary)*

13:15 - 13:30	**Éva Beke** *(Hungary)*
	Critical Infrastructure Protection Framework and Trends in Attacks
13:30 - 13:45	**Malak Shatnawi** *(Jordan)*
	The Effect of implementation of Pumped Storage Hydroelectric Power Technique
13:45 - 14:00	**Gábor Tóth** *(Hungary)*
	Taxivity – a describe of decision making under risk
14:00 - 14:15	**Gábor Tóth** *(Hungary)*
	Taxivity for the future
14:15 - 14:30	**Attila Máté Kovács** *(Hungary)*

	The role of capacity payments versus capacity markets - Electricity supply security in Germany
14:30 - 14:45	*Coffe break*

Sections 3.   Physical Protection of Critical Infrastructure

Chairmen: **Dr. Leopold Kruszka** *(Poland)*

Dr. Rudolf Nagy *(Hungary)*

14:45 - 15:00	**Dr. Leopold Kruszka** *(Poland)*
	Applications of Hopkinson bar techniques for the design of protective structures against blast and ballistic loading
15:00 - 15:15	**Dr. Nataliia Ovcharova** *(Ukraine)*
	Features of Numerical Modeling of Protective Elements Under Local Impact Loads
15:15 - 15:30	**Dr. Tetiana Berlizova** *(Ukraine)*
	Modeling and numerical analysis of structures made of single-crystal materials
15:30 - 15:45	**Mahmod Al-Bkree** *(Jordan)*
	Cage slat armor to protect critical infrastructure
15:45 - 16:00	**András E. Máthé** *(Hungary)*
	Ground Mobile Command Centers in Crisis Management

Sections 4.   Political Security of Critical Infrastructure

Chairmen: **Prof. Dr. Banasik Miroslaw** *(Poland)*

Dr. János Besenyő *(Hungary)*

14:45 - 15:00	**Prof. Dr. Banasik Miroslaw** *(Poland)*
	Critical infrastructure protection dilemmas
15:00 - 15:15	**Dr. Erika Jókai** *(Hungary)*
	The raison d'etre for the work diagnostic tests in the work safety of the disabled employees
15:15 - 15:30	**Dr. Bianka Speidl** *(Hungary)*
	Jihadist attacks on critical infrastructure in Europe
15:30 - 15:45	**Gabriella Ráczkevy-Deák** *(Hungary)*

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	Hospital security: Hospitals and terrorism
15:45 - 16:00	**Ákos Treszkai** *(Hungary)*
	The River Nile conflict in the aspects of critical infrastructure protection

Sections 5.   Individual Security of Critical Infrastructure II.

Chairmen:	**Dr. Lucia Figuli** *(Slovakia)*
	Dr. Zoltán Nyikes *(Hungary)*

14:45 - 15:00	**József Tisóczki** *(Hungary)*
	Using the e-IDAS compatible personal identification data in health and transport
15:00 - 15:15	**Ivona Ninkov** *(Serbia)*
	Safety and Security Aspects in Drones Regulations: An Overview
15:15 - 15:30	**János Kónya** *(Hungary)*
	Results and design process of fixing points of a custom-made subperiosteal implant used in dentistry based on technological poss
15:30 - 15:45	**Ferenc Molnár** *(Hungary)*
	Protection of critical infrastructure in energy
15:45 - 16:00	**Géza Dévényi** *(Hungary)*
	Functional safety of road vehicle infotainment systems
16:00 - 16:15	**Éva Kovács** *(Hungary)*
	The challenges of introducing the new technolect of security technology into the curriculum
19:00 ~	**Gala dinner** *(Caterland, Budapest, Tavaszmező u. 7-13, 1084)*

Conference location

Gala dinner place

Caterland
Budapest, Tavaszmező u. 7-13, 1084

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