



ACADEMY OF SCIENCES AND ARTS
OF THE REPUBLIC OF SRPSKA



UNIVERSITY
OF BANJA LUKA



FACULTY OF NATURAL SCIENCES
AND MATHEMATICS

2nd International Symposium

IS-AICTC'26

AI CHALLENGES AND THREATS IN CYBERSECURITY



Tuesday, September 8, 2026.
ANURS Great Hall, Banja Luka

OORGANIZERS OF THE INTERNATIONAL SYMPOSIUM

Academy of Sciences and Arts of the Republic of Srpska
University of Banja Luka
Faculty of Natural Sciences and Mathematics



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Prof. Dr. Željko Stević, Associate Professor at the Faculty of Transport
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Assistant Professor Dr. Ljubiša Mičić, Assistant Professor at the
Faculty of Economics, University of Banja Luka



SYMPOSIUM PROGRAM IS-AICTC'26

AI CHALLENGES AND THREATS IN CYBERSECURITY

09.30–10.00 PARTICIPANT REGISTRATION

10.00–10.30 MEDIA STATEMENTS

Prof. Kim-Kwang Raymond Choo

Prof. Dragan Korać

Prof. Ranko Škrbić

Prof. Željko Budimir

Savo Minić Prime Minister of the Republic of Srpska

10.30–11.00 OPENING OF THE SYMPOSIUM
AND WELCOME SPEECHES

Prof. Dragan Korać,

Chair of the Organizing Committee

Prof. dr Ranko Škrbić,

Rector of the University of Banja Luka

Prof. dr. Željko Budimir,

Minister of Internal Affairs of the Republic of Srpska

Official Opening of the International Symposium –
Savo Minić, Prime Minister of the Republic of Srpska

PLENARY INVITED PRESENTATION

11.00–11.20 **Lecture I:** *Opportunities for Enhancing Academic Cooperation and Student Exchange between the University of Banja Luka and the University of Texas at San Antonio*

Prof. dr Kim-Kwang Raymond Choo

University of Texas at San Antonio, USA

11.20–11.40 **Lecture II:** *Application of AI in Cybersecurity*

Prof. dr Kim-Kwang Raymond Choo

University of Texas at San Antonio, USA

11.40–12.00 DISCUSSION

12.00–12.10 *Awarding of the Diploma of Visiting Professor
of the University of Banja Luka to Prof. Choo*

PRESENTATIONS BY OTHER PARTICIPANTS

12.10–12.30 *AI in Cybersecurity: Nightmare or a Powerful Ally?*

Prof. dr Dragan Korać

Faculty of Natural Sciences and
Mathematics, University of Banja Luka

12.30–12.40 DISCUSSION

12.40–13.00 *The use of AI in creating and preventing adversarial
attacks on intrusion detection systems*

Prof. dr Pavle Vuletić

School of Electrical Engineering, University of Belgrade

13.00–13.10 DISCUSSION

13.10–13.30 PAUSE

13.30–13.50 *Autonomous AI agents in cybersecurity: A Dual-Use
perspective on frameworks, tools and threats*

Assistant Professor Uroš Šošević

Faculty of Organizational Sciences, University of Belgrade

13.50–14.00 DISCUSSION

14.00–14.20 *AI Application - the other side of the coin*

Prof. dr Željko Stević

Faculty of Transport and Traffic Engineering,
University of East Sarajevo

14.20–14.30 DISCUSSION

14.30–14.50 *The Impact of AI on the Generation
and Detection of SQL Injection Attacks*

Prof. dr Boris Damjanović

Faculty of Information Technologies, Belgrade,
University Union – Nikola Tesla

14.50–15.00 DISCUSSION and CLOSING OF THE SYMPOSIUM

15.00–17.00 Short Tour of Banja Luka City Centre:

- Visit to Saborna crkva Svete Trojice
- Visit to the Monument to Fallen Soldiers
- Tour of Kastel Fortress

17.00 GALA LUNCH WITH MUSICAL PROGRAMME



NOTES:

The official languages of the International Symposium
“IS-AICTC’26”, on the topic “**AI Challenges and Threats in
Cybersecurity**”, are Serbian and English.

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