# Virtual Panel on Cybersecurity and the Global Economy



**International Scientific Conference "Security of Modern Information and Communication Systems (SMICS 2026)" • Krakow, Poland**

Direct link for **global program** https://smics.lnu.edu.ua/en/program/

**24 September 2026 • 10:00–11:30 AM NYC time • Virtual event**

**Zoom information:** https://teams.microsoft.com/meet/399908611470549?p=c5TPSyatpQNHSdN52t • Meeting ID: 399 908 611 470 549 • Passcode: s75St3M4

**Organizers:** Dr. Anna Shostya, Pace University, New York City, USA; Dr. Anatolii Davidenko, State University of Information and Communication Technologies, Kyiv, Ukraine

**Panel Chair:** Dr. Darren Hayes, Pace University, New York City, USA

## Program Highlights

**Darren Hayes** (Pace University, New York City, USA) — **The Growing Importance of AI for Cybersecurity and Criminal Investigations**. This presentation explores how AI is transforming cybercrime, investigative support, criminal profiling, digital forensics, and incident response. It will highlight both the opportunities and risks created as adversaries and investigators increasingly rely on automated tools.

**Alex Tsekhansky** (Pace University, New York City, USA) — **Risk Management of AI Jailbreaking**. This talk examines the emerging risks of AI jailbreaking and the ways users may bypass safeguards in generative systems. It will outline practical risk-management approaches for organizations adopting AI while seeking to preserve security, accountability, and trust.

**Michel Schidlow** (Pace University, New York City, USA) — **Cybercrime and Hacking "Factories" as an Exploitative Model**. This presentation reframes cyber-enabled financial crime through a victimological lens, focusing on forced fraud, identity theft, money mule activity, and coerced digital fraud. It considers how trafficking-related duress complicates attribution, culpability, enforcement design, and restorative financial justice.

**Hope Brizzi '26** (Pace University, New York City, USA) — **The Impact of the 2023 SEC Regulation Item 1.05 on Stock Price Reactions to Data Breach Announcements**. Using an event-study design, this research evaluates whether Regulation Item 1.05 changed how markets respond to data breach disclosures. The findings suggest no statistically significant regulatory effect overall, while showing that system disruptions and firm profitability remain important indicators of abnormal returns.

**Dmytro Peleshko, Tymofii Nasobko, Oleksii Postovyi, and Olena Vynokurova** (Lviv Polytechnic National University, Lviv, Ukraine) — **Agentic LoRA Adapter Scheduling for Multi-Step Language Model Tasks**. This presentation introduces an approach for scheduling LoRA adapters in multi-step language model workflows. It considers how agentic control can improve task specialization, efficiency, and adaptability across complex AI pipelines.

**Olena Vysotska** (Kharkiv National Medical University, Kharkiv, Ukraine); **Anatolii Davydenko** (State University of Information and Communication Technologies, Kyiv, Ukraine); and **Oleksandr Potenko** (National Technical University "Kharkiv Polytechnic Institute," Kharkiv, Ukraine) — **AI-Driven Modeling of Human Mindfulness via Biometric Recognition**. This talk explores how biometric recognition and AI modeling can be used to study human mindfulness. It connects advances in recognition systems, behavioral measurement, and human-centered AI for applications in health, education, and digital well-being.

**Join faculty, researchers, and students for a fast-moving discussion of AI, cybercrime, market risk, digital accountability, and biometric intelligence.**