



# **iResilience: Strengthening democratic practises** **and media literacy**

**TRAINING COURSE**

**«Dealing with propaganda, misinformation and fake news  
using AI&ML»**

**16-17 January 2025 | Kyiv, Ukraine**

# AGENDA

**Day 1 (online) - 16 January 2025**

**Join Zoom Meeting:**

<https://us02web.zoom.us/j/82287112756?pwd=IBuSiTDgnNTS3Y4HtH77b2UYPH9nJH.1>

**Meeting ID: 822 8711 2756**

**Passcode: 091484**

**Session 1**

**11.00<sup>1</sup> - Opening. Introductory remarks.**

**11.05 – 11.30**

**Tetiana KMYTIUK**, PhD in Economics, Associate Professor, Associate Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Disinformation as a social phenomenon: concept, types and impact on society*

**11.30 – 12.00**

**Andriy MATVIYCHUK**, Doctor of Economics, Professor, CEO at Kyiv National Economic University Science Park, Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Biological and Semiotic Artificial Intelligence, and Machine Learning Methods in Solving Complex Cognitive Problems*

**12.00 – 12.30**

**Vasyl DERBENTSEV**, PhD in Economics, Associate Professor, Professor of the Department of Informatics and Systemology, Kyiv National Economic University named after Vadym Hetman

*Topic: Using LLMs to Identify Fakes and Disinformation in Digital Media*

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<sup>1</sup>UTC+2 (EET) - Kyiv Time

**12.30 – 13.00**

**Volodymyr SKITSKO**, PhD in Economics, Associate Professor, Associate Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

***Topic: Opportunities, Challenges, and Threats of Using Generative AI in Creating Fakes***

**13.00 – 13.30 Coffee –break**

**Session 2**

**13.30 – 14.15**

**Vasyl MELNYK**, in Mathematics and Physics, Yuriy Fedkovych Chernivtsi National University

***Topic: Hybrid Approaches in NLP: Combining Traditional Algorithms and Fuzzy Logic for Textual Insights***

**Case study**

**14.15 – 15.00**

**Vasyl DERBENTSEV**, PhD in Economics, Associate Professor, Professor of the Department of Informatics and Systemology, Kyiv National Economic University named after Vadym Hetman

***Topic: Practical of Implementation and Use of LLMs to Identify Fakes and Disinformation in Digital Media***

**Case study**

**15.00 – Closing**

## **Day 2 (offline) - 17 January 2025**

### **Practice**

**10.00 – 11.00**

**Olha KATUNINA**, PhD in Economics, Associate Professor, Associate Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Text pre-processing and feature space creation for NLP*

### **Lab**

**11.00 – 12.00**

**Tetiana KMYTIUK**, PhD in Economics, Associate Professor, Associate Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Topic modeling and text summarization*

### **Lab**

**12.00 – 13.00 Coffee –break**

**13.00 – 14.00**

**Halyna VELYKOIVANENKO**, PhD in Mathematics and Physics, Professor, Deputy of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Text processing and segmentation based on deep neural network models*

### **Lab**

**14.00 – 15.00**

**Andriy MATVIYCHUK**, Doctor of Economics, Professor, CEO at Kyiv National Economic University Science Park, Professor of the Department of Mathematical Modeling and Statistics, Kyiv National Economic University named after Vadym Hetman

*Topic: Language recognition tasks and tools*

### **Lab**

**15.00-16.00**

**Vitalii BEZKOROVAINYI**, PhD in Economics, Associate Professor, Professor of the Department of Informatics and Systemology, Kyiv National Economic University named after Vadym Hetman

*Topic: Text generation in natural language processing systems: methods, algorithms, tools and areas of application*

**Lab**

**16.00 – Closing**

**REGISTRATION OF PARTICIPATION IN THE EVENT: via the link**  
<https://docs.google.com/forms/d/e/1FAIpQLScIcVJASvzN0vRPwyjfAtuamf09dn6WEAmy1ncX-k1dlFQmvg/viewform?usp=header>