CEPOL European Research & Science Conference

"Preparing Law Enforcement for the Digital Age"

8-10 June 2022
Mykolas Romeris University, Vilnius, Lithuania

Since 2003, the CEPOL Research & Science Conferences provide a stimulating intellectual environment that brings together ideas and perspectives of practitioners, trainers and educators in policing and other areas of law enforcement, with researchers and academic scholars from Europe and the international sphere. The conference is aiming at the participation of practitioners from European law enforcement forces and institutions, as well as affiliated postgraduate researchers and academic scholars. The conference language is English. There is no conference fee, but prior registration and acceptance by the organisers is obligatory. Papers discussed during CEPOL Research and Science Conferences are published in a special Conference edition, so that ideas and knowledge can be shared within the law enforcement community, fostering and facilitating broader discussions and becoming a source of inspiration for the future.

The conference schedule foresees free coffee and lunch breaks during the days of the conference

Draft Conference Programme Sketch[1]

Day 1 – Opening Session
Invited Welcome Addresses and Interventions

Prof. Inga Žalėnienė, Ph.D
Rector Mykolas Romeris University

Ms. Montserrat Marín López
CEPOL Executive Director

Ms Ylva JOHANSSON (tbc)
EU Commissioner for Home Affairs

Mr Olivier ONIDI (tbc)
Deputy Director-General for Migration and Home Affairs

Dr Juan Fernando López Aguilar (tbc)
Chair of LIBE Committee of the EU Parlament

Mr Arunas Palauskas (tbc)
Deputy Police Commissioner of the Lithuanian Police

Prof. Monica den Boer (tbc)
Defence Academy of the Netherlands

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[1] As of 25.03 2022 – in development, check the schedule at https://conference-digital.cepol.europa.eu/cepol-research-science-conference-2021-mru-vilnius/

Day 1-3
Keynotes and Plenaries

Anita Hazenberg

Director Innovation Directorate at INTERPOL (IGCI - Singapore)

"Future of Policing and Implications for Education and Training"

Matthias Leese

Dr, Senior Researcher at Centre for Security Studies, ETH, Zürich, Switzerland

"Digitization: Proceed with Care"

Sirpa Virta

Professor of Police Management at Tampere University and Adjunct Professor at Defence University, Finland. Visiting Professor of Security Policy, Flinders University, Adelaide, Australia

"Digital Meets Political: Strategic Preparedness of the Police for AI and Hybrid Threats"

Luís Elias

Superintendent, Professor at Higher Institute of Police Sciences and Internal Security (Lisbon - Portugal)

"Policing in a Digital Age: A Balance Between Community-based Strategies and Technological Intelligence"

Maria Haberfeld

Professor of Police Science, at John Jay College of Criminal Justice in New York City, U.S.A.

"American Policing in the Digital Age"

TBD

Representative European Union Agency for Fundamental Rights

Embedding Respect for Fundamental Rights in AI for Policing and Law Enforcement

Panel Discussion Rounds

"Artificial Intelligence in and for Law Enforcement: Panacea or Hype?"

"Learning and Education in the Digital Age – What to look out for?"

""Enforcing Truths, Fighting Fakes – Challenges for Law Enforcement in the Digital Age"

Papers Accepted for Presentation (selection)

Track: Training and Education of Law Enforcement Officials in and for the Digital Age

"Level One: Increasing knowledge and skills on digital aspects of police work" by Jurjen Jansen"

"Challenges of E-learning in the French Police Nationale" by Cedric Carre

"Challenges and Perspectives on the Digitalization of Education at the Cyprus Police Academy" by Markianos Kokkinos

"E-learning Community Policing for International Police Advisors" by Tor Damkaas

"The Impact of COVID-19 on Police Training, Education and Development in the United Kingdom" by Eric Halford

"Whether Traditional Didactic Tools Are Appropriate for Methodics of Modern Crime Investigation?" by Zaneta Navickienė & Mindaugas Bilius

& more

Track: Challenges of Artificial Intelligence for Policing and Law Enforcement in the Digital Age

"Accountability Principles for Artificial Intelligence (AP4AI) in the Internal Security Domain" by P. Saskia Bayerl, Ruth Linden, Babak Akhgar

"DARLENE project: Enhancing LEA decision-making by employing AR and ML capabilities" by Jose L. Diego

"The Human Factors and AI in Countering Financial Crime and Tracing Illicit Money Flows" by Umut Turksen

"Investigating High-Risk Firms through the Application of a Machine Learning-based Tool to Cross-Border Ownership Data" by Michele Riccardi & Maria Jofre

"Mobile Forensics, Big Data and Artificial Intelligence: Current Status, Challenges and Future Directions" by Nikolaos Papadoudis

"Increasing Efficiency in the Fight against Hate Crimes in Spain using Artificial Intelligence" by Jesús Gómez, Carlos J. Máñez, Tomás Fernández & Javier López

"Predicting crime in Athens, Greece: A Machine Learning Approach" by Maria Eleni Vardaki

"Generative Adversarial Network for LEA:Dr Jekyll or Mr Hyde ?" by Patrick Perrot

"Intelligence Led Policing and the Risks of Artificial Intelligence" by Roger von Laufenberg

& more

Track: Challenges for Cross-Agency and Cross-Border Cooperation and Coordination in the Digital Age

"Artificial Intelligence and Interoperability for Solving Challenges of OSINT and Cross-Border Investigations" by Amr el Rahwan

"Developing of a Judicial Cases Cross-Check system for case searching and correlation using a standard for the Evidence." by Fabrizio Turchi

"e-Evidence: Collection, Analysis, and Sharing: An evidence-based policy perspective by the EU funded research projects LOCARD, ROXANNE & FORMOBILE" by Denitsa Kozhuharova, Constantinos Patsakis, Joshua Hughes, Pablo López-Aguilar

"Cross-border Access to Digital Evidence at Internet and Cloud" by Krunoslav Antoliš

& more

Track: The Digital Age for Law Enforcement

"Community Policing in the Digital Era" by Jasper De Paepe

"Digital Transformation - A UX approach to Policing" by Tim Willoughby

"Autonomous Driving: Emerging Challenges for Road Policing" by Luis Malheiro, Paulo Gomes, João Pascoal

"RESPOND-A Project: How Digital Tools Can Help LEAs Managing Emergencies" by Jose L. Diego

"Mitigating Bias and Discrimination Risks in Machine Learning Technologies for Law Enforcement: the DARLENE Data Augmentation Solution" by Katherine Quezada-Tavarez

"Forensic Linguistics: The potential of language for Law Enforcement in the Digital Age" by Rui Sousa-Silva

"The potential of Artificial Intelligence and Data Science in securing ports against undermining crimes" by Nienke de Groes

"Implementing the THOR Methodology in Security projects: Lessons learnt on the interplay of technological, human-related, organisational, and regulatory challenges." by George Kokkinis

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