

# INNOVATIONS IN LAW ENFORCEMENT

## Implications for practice, education and civil society

### Conference Programme

Research & Science Conference 2017

28 - 30 November 2017 – Budapest, Hungary



NATIONAL  
UNIVERSITY OF  
PUBLIC SERVICE



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## - Implications for practice, education and civil society -

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## European Union Agency for Law Enforcement Training (CEPOL)

CEPOL is an agency of the European Union dedicated to develop, implement and coordinate training for law enforcement officials. Since 1 July 2016, the date of its new legal mandate, CEPOL's official name is "The European Union Agency for Law Enforcement Training".

CEPOL contributes to a safer Europe by facilitating cooperation and knowledge sharing among law enforcement officials of the EU Member States and to some extent, from third countries, on issues stemming from EU priorities in the field of security; in particular, from the EU Policy Cycle on serious and organised crime.

CEPOL brings together a network of training institutes for law enforcement officials in EU Member States and supports them in providing frontline training on security priorities, law enforcement cooperation and information exchange. CEPOL also works with EU bodies, international organisations, and third countries to ensure that the most serious security threats are tackled with a collective response.

The agency's annual work programme is built with input from this network and other stakeholders, resulting in topical and focused activities designed to meet the needs of Member States in the priority areas of the EU internal security strategy. Moreover, CEPOL assesses training needs to address EU security priorities. CEPOL constantly strives to offer innovative and advanced training activities by integrating relevant developments in knowledge, research & technology, and by creating synergies through strengthened cooperation. CEPOL's current portfolio encompasses residential activities, online learning (i.e. webinars, online modules, online courses, etc.), exchange programmes, common curricula, research and science.

Since it became fully operational, CEPOL has grown to establish itself as the EU's law enforcement training hub and centre for excellence and expertise. Over 50 staff based at the headquarters in Budapest now provide multilingual and multinational expertise in training to law enforcement authorities across the EU and beyond.

Over time, CEPOL has gained increased trust from its Member States by focusing on the delivery of quality products and services. In 2017, CEPOL's SPD foresees the implementation of 105 residential activities and 102 webinars. So far (as from the end of October 2017), 70 residential courses have been implemented and 60 webinars, reaching a total of 11 436 participants (2 135 for residential and 9 301 for webinars). Moreover, CEPOL is now offering 33 online learning modules and has organised 426 exchanges in the frame of the CEPOL Exchange Programme (CEP). Finally, CEPOL has trained 479 law enforcement officers in the frame of the Counter Terrorism Partnership Project (CTPP) since beginning 2017. The outreach for 2017 is currently amounting 12 341 law enforcement officers within the EU and beyond.

The development of international trade routes and the increased flexibility of organised criminals, driven by technological advances and the Internet, have led to an exponential growth in organised crime over these last 15 years. However, CEPOL's main purpose remains the same now as it was when it started: to support the European Union's two million law enforcement officers in making Europe safer.

### Contact

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## National University of Public Service (NUPS)

The National University of Public Service is the single institution in Europe to offer degree programmes in public service with a comprehensive approach focusing on the needs of the whole of government. It educates the next generation of public management, international affairs, military, policing and law enforcement experts and leaders. Hence our University operates in a model of cooperation together with national stakeholders and international actors.

Due to the merger of these special fields, our University has a very diverse student body providing opportunities for students of different fields of public service to become acquainted with each other and cooperate in many fields of life. Besides creating a common introductory module embedded in each degree programme, students also participate in joint public service exercises. Also a growing number of international students choose to study at NUPS in the framework of exchange or scholarship programs. They gain valuable experiences in this unique community thus broadening their knowledge and know-how already acquired.

Furthermore, NUPS not only pays attention to developing world-class education but also to creating a modern, lively, open and student-friendly environment with the most developed infrastructure. At the main campus of Ludovika students enjoy the services of a modern educational building that combines 21st century technology with tradition and heritage of the predecessors. The Ludovika Residence Hall offers outstanding living circumstances at an excellent location in Budapest with both green areas and the city centre being in proximity.

### Contact

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## About the conference

The chosen title for the **14th edition** of the CEPOL Research and Science Conference in 2017 is “**innovation**”, in particular innovations in the field of law enforcement and their implications for law enforcement practice, training and education of officers, and civil society in general.

Innovation is a crucial and integral element of any modernisation process, and one might say, for professionalisation as well. It can take many forms and guises, as new technology, organisational reform or simply as the way things are perceived or problems handled. Since automobiles, radios, computers and DNA-analysis have shaped modern law enforcement work, new arrivals like drones, body-worn cameras, predictive policing or the promises of artificial intelligence are likely to have a similar profound impact. In turn, new instruments and organisational procedures require similar new ways in how best to deliver training and education for cadets and officers.

For learning a bit more about recent and upcoming innovations in the field of law enforcement, the CEPOL 2017 Research and Science Conference will convene practitioners in policing and other areas of law enforcement, trainers, educators and scientific scholars from Europe and abroad, to discuss and reflect the implications for their own practice in operation, education and training and their role in society at large.

Almost a hundred contributions from various countries’ or forces’ perspectives, based either on recent empirical research, academic study or professional practice, presented in plenary, parallel and poster sessions, are likely to provide answers, partial answers, or at least inspiration for contemplating these leading considerations:

- Which are the key innovations in society that are prompting a response from the law enforcement community, both in terms of adapting strategies and tactics, as well as the law enforcement educational requirements?
- What are the expectable implications, benefits, risks or potential ramifications of introducing certain new technologies (gadgets or systems), organisational or operational concepts for doing law enforcement work in a new, innovative manner?
- Innovations can succeed or fail – what are the conditions in the law enforcement field?
- Which educational innovations will have significant impact on the training and education of law enforcement officials on the various levels of the organisations – and why?
- Some innovations in law enforcement are received with great sympathy and endorsement, some with lesser enthusiasm by members of the civil society. What has to be taken into account in the management of the innovation process so a particular innovation is not perceived as ineffective, undue, unfair or even illegitimate?

Project findings from the EU-funded FP7 and H2020 programmes on technological innovations will be presented alongside innovative ideas and approaches for training and educating officers adapting to innovative new tools and environments. High profile academics and researchers will scrutinise the intended and unintended consequences of innovations both from the view of the organisations, citizens and society.

The two and a half day conference at the premises of the Hungarian National University for Public Service in Budapest will build on its proven format focusing on professional information exchange and facilitation of networking.

Keynotes, plenary presentations, paper and poster sessions will provide ample opportunities to discuss the role of innovation in law enforcement practice, training and education and its likely impact on security and the feeling of security within the European societies. This time, some projects will even demonstrate their innovation potential.

## Important organisational notes

### Arrival and registration:

In the mornings, please arrive at least 30 before the start of the conference sessions to ensure enough time for mandatory registration and security checks.

### Badges:

Please wear your name badges for the whole duration of the conference for access to session rooms and the breaks.

### Participants list:

The lists are provided to enable encourage networking among the participants and presenters. Usual discretion in dealing with personal professional data applies.

### Participation:

Do not hesitate posing a question or making a comment – active participation and discussion is encouraged. But keep your intervention brief and concise as the session times are restricted and policed by the moderators. Make use of the coffee and lunch breaks, as well as the poster sessions to network or continue debates.

### Pictures:

Please give notice if you are not comfortable that your picture is taken during the conference.

### Presentations:

The presenters have been invited to share their presentations or papers with the audience during or briefly after the conference. For access to those files, a registration of an account on the CEPOL eNet is required ([www.cepol.europa.eu](http://www.cepol.europa.eu)). Full papers of the presentation are planned to be published in a Special Conference Edition of the European Police Law Enforcement Research Bulletin afterwards (go to <https://bulletin.cepol.europa.eu> for previous and current editions).

### Presenters:

It is not uncommon that presenters feel that they just made the introduction and their speaking time is already to run out. You are kindly requested to adhere to your granted speaking time limits. Additional information can be shared by providing handouts, presenting in the poster session or putting supplementary files on the CEPOL eNet.

### Session Rooms:

Please make yourself familiar with the layout of the conference facilities and session rooms. Conference staff is happy to guide you, if needed.

### Timing:

Please make sure to enter and leave the session rooms in time, avoiding the interruption of an ongoing session as much as possible. It will take you up to five minutes to move from the Chapel to the rooms on the 2nd floor.

*For further questions, please do not hesitate to consult our information desk located on the second floor.*

# PROGRAMME

**Programme Key**

- Plenary sessions
- Parallel sessions
- Poster Sessions

## Tuesday , 28<sup>th</sup> November

<p><b>08:00</b> - <b>09:00</b></p>	<p><b>Entrance</b></p>	<p><b>Arrival and registration of participants</b></p>
<p><b>09:00</b> - <b>10:30</b></p>	<p><b>Chapel – Ground floor Gallery – First floor</b></p>	<p><b>Plenary Session1</b> Moderator: <b>Peter Davidson</b>, CEPOL</p> <p><b>Welcome addresses</b> <b>András Patyi</b>, Rector, Hungarian National University of Public Services <b>Ferenc Bánfi</b>, Executive Director, CEPOL</p> <p><b>Keynote speeches</b> <b>Anabela Gago</b>, European Commission European security research and innovation – law enforcement perspective</p> <p><b>Oldrich Martinu</b>, Deputy Executive Director, Europol Crime in the age of technology – how can the European law enforcement community tackle the new challenges?</p>
<p><b>10:30</b> - <b>10:55</b></p>	<p><b>Lounge</b></p>	<p><b>Coffee break</b></p>
<p><b>11:00</b> - <b>12:10</b></p>	<p><b>Auditorium 2</b></p>	<p><b>Session 1</b> Moderator: <b>Detlef Nogala</b>, CEPOL</p> <p><b>Dirk Van de Ryse</b>, Frontex Staying on top of the situation: a state of the art monitoring approach for border security</p> <p><b>Patrick Padding</b>, ENLETS Innovation law enforcement agencies dialogue (I-Lead)</p>
<p><b>11:00</b> - <b>12:10</b></p>	<p><b>Auditorium 1</b></p>	<p><b>Session 2</b> Moderator: <b>Gurchand Singh</b>, Ireland</p> <p><b>David S. Wall</b>, United Kingdom Policing Bitcoin</p> <p><b>Georg Ungefuk</b>, Germany Investigating the Darknet - A German Institutional View</p>
<p><b>11:00</b> - <b>12:10</b></p>	<p><b>Auditorium 3</b></p>	<p><b>Session 3</b> Moderator: <b>Guido Kattert</b>, Germany</p> <p><b>Philipp Lohrmann &amp; Steffi Davey</b>, United Kingdom The AUGGMED project – using virtual and augmented reality for first responder training</p> <p><b>Stefan Taing &amp; Jens Elsner</b>, Germany INTEGER Project: Visual Decision Support for Social Media Analysis</p>



12:15 - 13:10	Lounge	<b>Lunch break</b>
13:15 - 13:55	Auditorium 2	<p><b>Session 4</b> Moderator: <b>Angelos Constantinou</b>, Cyprus</p> <p><b>Amanda Haynes &amp; Jennifer Schweppe</b>, Ireland Recording 'Hate Crime': Technical Innovations in a Policy Vacuum</p> <p><b>András L. Pap</b>, Hungary Improving law enforcement activities in the area of hate crimes</p>
13:15 - 13:55	Auditorium 1	<p><b>Session 5</b> Moderator: <b>Mairit Kratovits</b>, Estonia</p> <p><b>Steinar Vee Henriksen</b>, Norway How do Norwegian police train and exercise coercive force?</p> <p><b>Žaneta Navickienė &amp; Vidmantas Vadeikis</b>, Lithuania Integrated Version of The Train-The-Trainers Concept Within Police Cooperation Of EU Member States</p>
13:15 - 13:55	Auditorium 3	<p><b>Session 6</b> Moderator: <b>Rita Kiss</b>, Hungary</p> <p><b>Paulo Marques</b>, Portugal The Gathering of Testimonial Evidence Through the Eyes of Police Officers, Judges &amp; Prosecutors</p> <p><b>Mark Van der Giessen et al.</b>, The Netherlands The different faces of anonymity: Disentangling anonymity requirements for ICT facilitated community-police communication</p>
13:15 - 13:55	Auditorium 5	<p><b>Session 7</b> Moderator: <b>Claudio Di Gregorio</b>, Italy</p> <p><b>Nelson Macedo da Cruz</b>, Portugal MOLECULA Project - The EU fight against Financial, Economic and Tax Crime</p>
14:00 - 15:30	Auditorium 2	<p><b>Session 8</b> Moderator: <b>Petra Jirků</b>, Czech Republic</p> <p><b>Shaun Mallison</b>, ENLETS Biometrics in European Law Enforcement</p> <p><b>Jarmo Puustinen</b>, ENLETS Drones and Enforcement opportunities</p> <p><b>Edwin Delwel &amp; Tim Willoughby</b>, ENLETS Mobile solutions for operational policing: a game changer</p>

<b>Session 9</b>		
Moderator: <b>Ksenija Butorac</b> , Croatia		
<b>14:00</b> - <b>15:30</b>	<b>Auditorium 3</b>	<p><b>Jean-Francois Gadeceau</b>, Interpol Neuroscience and training practices</p> <p><b>Otto Adang</b>, The Netherlands Peer learning -innovative ways to foster organizational learning within the police</p> <p><b>Sarah Colover</b>, United Kingdom Gamification in e-learning: what works?</p>
<b>15:30</b> - <b>15:55</b>	<b>Lounge</b>	<b>Coffee Break</b>
<b>Session 10</b>		
Moderator: <b>Zhivko Velchev</b> , Bulgaria		
<b>16:00</b> - <b>17:00</b>	<b>Auditorium 2</b>	<p><b>Arije Antinori</b>, Italy "Jihaspورا" and millennials: complexity, evolution, change and hybridisation of terrorism in EU</p> <p><b>Felipe Pathé Duarte</b>, Portugal Jihadi Videos for Portuguese Speakers – A Content Analysis</p>
<b>Session 11</b>		
Moderator: <b>Paul Moss</b> , The Netherlands		
<b>16:00</b> - <b>17:00</b>	<b>Auditorium 3</b>	<p><b>Gerhard Holzinger</b>, Germany Development of a training program for police officers to deal with terrorist attacks</p> <p><b>Wendy Dorrestijn &amp; Bos Temmink</b>, The Netherlands Beyond the split second. Police Performance and reality-based training in high risk LE operations</p>
<b>Session 12</b>		
Moderator: <b>Jean-Marc Jaffre</b> , France		
<b>16:00</b> - <b>17:00</b>	<b>Auditorium 1</b>	<p><b>Thierry Hartmann</b>, France <i>Innovation by Law Enforcement Agencies networking (ILEAnet)</i></p> <p><b>Tor Damkaas &amp; Jaishankar Ganapathy</b>, Norway <i>The Road Ahead: A preliminary insight into the workings of Police Experts Network in Post Conflict Societies</i></p>
<b>17:15</b> - <b>18:15</b>	<b>Zrinyi Hall</b>	<b>Poster Session 1 &amp; Demonstrations</b>

## Wednesday, 29<sup>th</sup> November

09:00 -	<b>Chapel – Ground floor</b>	<b>Plenary Session 2</b> Moderator: <b>Bence Meszaros</b> , NUPS
09:30	<b>Gallery – First floor</b>	<b>Sean Malinowski &amp; Marjolijn Bruggeling-Joyce</b> , United States <i>Data-driven Policing Strategies in Los Angeles and Chicago - Combining Technology and Process for Maximum Effect</i>
09:35 -	<b>Auditorium 3</b>	<b>Session 13</b> Moderator: <b>Gurchand Singh</b> , Ireland
10:30		<b>Babak Akhgar</b> , United Kingdom <i>Situational Awareness and Open Source Intelligence for LEAs</i> <b>Chris Pallaris</b> , Switzerland <i>Recasting the Intelligence Curriculum - Lessons from the EU-Funded VALCRI Project</i>
09:35 -	<b>Auditorium 2</b>	<b>Session 14</b> Moderator: <b>Jose Alberto Ramirez</b> , Spain
10:30		<b>José María Blanco &amp; Jessica Cohen</b> , Spain <i>The T-Factor. New Technologies And Intelligence Analysis Learning</i> <b>Don Casey &amp; Phillip Burrell</b> , United Kingdom <i>Computerised Decision Support Systems in Policing</i>
09:35 -	<b>Auditorium 1</b>	<b>Session 15</b> Moderator: <b>Hans Ditrich</b> , Austria
10:30		<b>Johannes Göllner</b> , Austria <i>The ASGARD project, a new method for multidisciplinary collaboration in R&amp;D projects</i> <b>Steve Palmer</b> , Canada <i>Using Technology to Train in the 21st Century - What works for Pilots and Surgeons, also works for Police Officers</i>
10:30 -	<b>Lounge</b>	<b>Coffee break</b>
10:55		
11:00 -	<b>Auditorium 2</b>	<b>Session 16</b> Moderator: <b>Hans Ditrich</b> , Austria
12:30		<b>Dominik Gerstner</b> , Germany <i>Predictive Policing - an empirical study</i> <b>Cyril Piotrowicz</b> , France <i>Predictive policing - perception of its risks and benefits by police officers and citizens</i> <b>Lúcia G. Pais</b> , Portugal <i>Predictive policing - Is it really an innovation?</i>

<p><b>11:00</b> - <b>12:30</b></p> <p><b>Auditorium 3</b></p>	<p><b>Session 17</b> Moderator: <b>Paul Moss</b>, The Netherlands</p> <p><b>Sander Flight</b>, The Netherlands <i>Opening up the black-box - understanding the impact of body cameras on policing</i></p> <p><b>Karen Moreton</b>, United Kingdom <i>Body worn video in two randomised controlled trials in the UK – analysis of post charge criminal justice outcomes</i></p> <p><b>Sónia Morgado &amp; Ricardo Alves</b>, Portugal <i>Core capabilities - Body-Worn Cameras in Portugal</i></p>
<p><b>11:00</b> - <b>12:30</b></p> <p><b>Auditorium 1</b></p>	<p><b>Session 18</b> Moderator: <b>Dimitrios Krieris</b>, Greece</p> <p><b>Casimiro Nevado Santano &amp; Silvia Iluminada Ramos Perez</b>, Spain <i>Automatic Identification of Anonymous profiles on Social Networks - Use of Big Data techniques for Semantic Recognition</i></p> <p><b>Holger Nitsch</b>, Germany <i>Malware and ransomware - new challenges for the security of European citizens in a changing environment</i></p> <p><b>Rui Sousa-Silva</b>, Portugal <i>CybercrimeLab: a (computational) forensic linguistics approach against cybercrime</i></p>
<p><b>12:30</b> - <b>13:35</b></p> <p><b>Lounge</b></p>	<p><b>Lunch break</b></p>
<p><b>13:40</b> - <b>14:25</b></p> <p><b>Auditorium 2</b></p>	<p><b>Session 19</b> Moderator: <b>Guido Kattert</b>, Germany</p> <p><b>Diogo Rato</b>, Portugal <i>The role of a Virtual Trainer: training transnational police collaboration and suspect interview</i></p> <p><b>Albin Muff</b>, Germany <i>Effectiveness of simulation-based exercises in basic police Training. Outcomes and limitations of a project with the Bavarian Police</i></p>
<p><b>13:40</b> - <b>14:25</b></p> <p><b>Auditorium 5</b></p>	<p><b>Session 20</b> Moderator: <b>Rita Kiss</b>, Hungary</p> <p><b>Katalin Molnár &amp; Erna Uricska</b>, Hungary <i>An Efficient Method for Improving the Partnership between the Police and Community</i></p> <p><b>Branko Lobnikar</b>, Slovenia <i>Evaluation of Police Officers' Preventing Radicalisation Training in Slovenia</i></p>

<p>13:40 - 14:25</p> <p><b>Auditorium 1</b></p>	<p><b>Session 21</b> Moderator: <b>Mairit Kratovits</b>, Estonia</p> <p><b>Saskia Hufnagel</b>, United Kingdom <i>Pre-Clearance for Cross-Border Train Travel</i></p> <p><b>Zoltán Székely</b>, Hungary <i>iBorderCtrl and BBA242: Examples for research and innovation in border security at European and national level</i></p>
<p>13:40 - 14:25</p> <p><b>Auditorium 3</b></p>	<p><b>Session 22 (CEPOL Future Leader Course Papers)</b> Moderator: <b>Jose Alberto Ramirez</b>, Spain</p> <p><b>Nathan Johnson</b> <i>In the face of increasing pan-European austerity, is it justifiable to maintain independent Terrorism and Organized Crime strategies at the national and panregional level?</i></p> <p><b>Antonio Molinaro</b> <i>A common strategic theme for EU Police Chiefs is the ongoing disjointedness between policy, operations and training: – fact or perception?</i></p> <p><b>Dan Pop Mircea</b> <i>Enhancing Knowledge and Information Sharing and Management virtually? What benefit could be derived from an integrated “knowledge” hub working across EU Law Enforcement and Justice Sector organizations</i></p>
<p>13:40 - 14:25</p> <p><b>Auditorium 6</b></p>	<p><b>Session 23</b> Moderator: <b>Florenta Conceia</b>, Romania</p> <p><b>Kristina Doda &amp; Aleksandar Vanchoski</b>, F.Y.R.O.M. <i>New Innovations - Need for new law enforcement capabilities</i></p> <p><b>Wojciech Szwedo</b>, Poland <i>Combating smuggling intoxicants</i></p>
<p>14:30 - 15:30</p> <p><b>Auditorium 3</b></p>	<p><b>Session 24</b> Moderator: <b>Vesa Huotari</b>, Finland</p> <p><b>Adrian James</b>, United Kingdom <i>Achieving expertise in police intelligence practice through simulation</i></p> <p><b>Lola Vallès, Alicia Moriana &amp; Rob Munro</b>, Spain <i>TARGET Project– Training Augmented Reality Generalised Environment Toolkit</i></p>
<p>14:30 - 15:30</p> <p><b>Auditorium 1</b></p>	<p><b>Session 25</b> Moderator: <b>Ksenija Butorac</b>, Croatia</p> <p><b>Federico Liberatore</b>, Spain <i>Applications of Data Science in Policing - VeriPol an Investigation Support Tool</i></p> <p><b>Stefan Taing &amp; Jens Elsner</b>, Germany <i>Applications of Machine Learning - Image recognition to support crime investigations in social networks and the darknet</i></p>

<b>Session 26</b>		
Moderator: <b>Nuno Poiares</b> , Portugal		
14:30	<b>Auditorium 2</b>	
-		
15:30		<b>Arne Dormaels</b> , Belgium <i>The effects of technology and innovation on police processes. Lessons learned from Belgian innovation projects</i>
<b>Coffee break</b>		
15:30	<b>Lounge</b>	
-		
15:55		
<b>Plenary Session 3</b>		
Moderator: <b>Reinhard Kreissl</b> , Austria		
16:00	<b>Chapel – Ground floor</b>	<b>Marleen Easton</b> , Belgium <i>Comparative reflections on the triple helix as a vehicle to stimulate innovation in technology and security</i>
-		
17:00	<b>Gallery – First floor</b>	<b>James Sheptycki</b> , Canada <i>Dirigisme and Police Innovation</i>
<b>Podium Panel Discussion</b>		
17:00	<b>Zrinyi Hall</b>	
-		
18:15		<b>Poster Session 2 &amp; Demonstrations</b>



## Thursday, 30<sup>th</sup> November

<p>09:00 - 10:30</p>	<p><b>Auditorium 2</b></p>	<p><b>Session 27</b> Moderator: <b>Angelos Constantinou</b>, Cyprus</p> <p><b>Marielle Chrisment</b>, France <i>The digital police station a French gendarmerie project</i></p> <p><b>Paul Moss &amp; Otto Adang</b>, The Netherlands <i>The introduction of conducted energy device (CED) such as the Taser into the Dutch police force</i></p> <p><b>Lucas Melgaço</b>, Belgium <i>You are live! A reflection on real time crime and real time policing</i></p>
<p>09:00 - 10:30</p>	<p><b>Auditorium 3</b></p>	<p><b>Session 28</b> Moderator: <b>Dimitrios Krieris</b>, Greece</p> <p><b>Holger Nitsch &amp; Babak Akhgar</b>, Germany / United Kingdom <i>Strengthening the connection between communities and the police to maximize the security and safety - The Unity Project</i></p> <p><b>George Kokkinis &amp; Georgios Levantakis</b>, Greece <i>Developing and Testing a Community Policing Social Network in European Cities</i></p> <p><b>Steve Palmer</b>, Canada <i>Building a network of academics and police organizations to address front line mental health</i></p>
<p>09:00 - 10:30</p>	<p><b>Auditorium 1</b></p>	<p><b>Session 29</b> Moderator: <b>Jean-Marc Jaffre</b>, France</p> <p><b>László Christián</b>, Hungary <i>The civil volunteer security organisation as an innovative actor in the law enforcement</i></p> <p><b>Caroline Copeland</b>, Ireland <i>What do victims of crime want from their police service? A qualitative evaluation</i></p> <p><b>József Haller</b>, Hungary <i>Law enforcement action under conditions of extreme stress: a new research project and preliminary findings</i></p>
<p>09:00 - 10:30</p>	<p><b>Auditorium 5</b></p>	<p><b>Session 30</b> Moderator: <b>Inguna Trule</b>, Latvia</p> <p><b>Rafał Pryk</b>, Poland <i>Usage of open sources for data analysis</i></p> <p><b>Ioan-Cosmin Mihai</b>, Romania <i>Strategies for Monitoring Websites Security against Cyber-Attacks</i></p> <p><b>Damir Osterman &amp; Damir Maracic</b>, Croatia <i>Croatian Model of Telecommunication Information Requests Management</i></p>
<p>10:35 - 10:55</p>	<p><b>Lounge</b></p>	<p><b>Coffee break</b></p>

<p>11:00 - 12:05</p>	<p><b>Auditorium 1</b></p>	<p><b>Session 31</b> Moderator: <b>Vesa Huotari</b>, Finland</p> <p><b>Sirpa Virta &amp; Harri Gustafsberg</b>, Finland <i>Innovation Management in the Police Organization</i></p> <p><b>Tiina Koivuniemi</b>, Finland <i>Management and Leadership training in Police Organization - Case eMBA in Policing</i></p>
<p>11:00 - 12:05</p>	<p><b>Auditorium 2</b></p>	<p><b>Session 32</b> Moderator: <b>Petra Jirků</b>, Czech Republic</p> <p><b>Rasha Abdul Rahim</b>, Amnesty International <i>The Implications of Fully Autonomous Weapons Systems on Policing and Human Rights</i></p> <p><b>Markus Naarttijärvi</b>, Sweden <i>Democratic Legitimacy, Rule of Law and the limits of Technological Innovation in Policing</i></p>
<p>11:00 - 12:05</p>	<p><b>Auditorium 3</b></p>	<p><b>Session 33</b> Moderator: <b>Nuno Poiares</b>, Portugal</p> <p><b>Tom Sorell</b>, United Kingdom <i>Surveillance technologies: ethics and rights</i></p>
<p>12:15 - 13:00</p>	<p><b>Chapel – Ground floor Gallery – First floor</b></p>	<p><b>Plenary Session 4</b> Moderator: <b>Detlef Nogala</b>, CEPOL</p> <p><b>Panel discussion</b></p> <p><b>Closure of the conference</b> <b>Detlef Schröder</b>, Acting Executive Director, CEPOL <b>Gábor Kovacs</b>, Vice-Rector, National University of Public Service</p>
<p>13:00 - 14:00</p>	<p><b>Lounge</b></p>	<p><b>Lunch</b></p>
<p>14:00</p>	<p><b>Departure of participants</b></p>	

## Plenary sessions speakers



**FERENC BÁNFI**  
*Executive Director, CEPOL*

### Plenary session 1

Ferenc Bánfi was appointed Director of CEPOL in February 2010.

Prior to joining CEPOL, he headed the European Union Border Assistance Mission to Moldova and Ukraine (EUBAM).

He also acted as Senior Political Advisor to the EU Special Representative to Moldova. Before taking up this position, he worked as Project Manager of the Euro-Atlantic Advisory Team in Georgia, Ukraine, Azerbaijan and Moldova (GUAM).

He has a long career within the Hungarian national police, starting in 1980, then rising steadily through the ranks to Deputy Chief Commissioner of the Hungarian National Police in 1997, before taking up the position of Head of Department for South-East European Cooperation at the Hungarian Ministry of Interior.

From 2000 to 2004, he led the South-East European Cooperative Initiative Regional Center for Combating Trans-border Crime in Bucharest.



**ANDRÁS PATYI**  
*Rector, National University of Public Service, Hungary*

### Plenary session 1

Professor Dr. András Patyi is the Rector of the National University of Public Service and a university professor at Széchenyi István University in Győr, Hungary.

Professor Patyi has been playing an active role in higher education since 1994 and is teaching at Bachelor, Master and PhD level as well. Being the editor and main author of university textbooks on Administrative Law and having more than 90 publications in Hungarian and English, his academic works are currently applied at several universities.

In addition to his academic career, András Patyi is involved in other areas of public service: he is the Chairman of the Codification Committee of Administrative Justice since 2015, the Chairman of the Committee of State Reform since 2014 and the Chairman of the National Election Committee since 2013. Furthermore, his professional experience includes (inter alia) being Justice at Administrative Cases Division of the Supreme Court of Hungary between 2009 and 2011 and Chief Counsellor at the Constitutional Court of Hungary between 2006 and 2009.

Professor Patyi's activities extend to the international sphere as well with postgraduate studies at the University of Oxford (2010), at Queen's University in Belfast (1994) and at Amsterdam University (1993). He is currently the Hungarian Full Member of the Board of Governors at the European Institute of Public Administration (EIPA) and a Member of the European Group for Public Administration (EGPA) within the International Institute of Administrative Sciences (IIAS).



**ANABELA GAGO**  
*Head of Unit,  
 European Commission*

**Plenary session 1**

Anabela Gago currently heads the unit "Innovation and Industry for Security" in DG "Migration and Home Affairs" (DG HOME), at the European Commission, after having been the Head of the unit responsible for "Organised Crime".

She joined DG HOME after four years as Head of cabinet of Commissioner L. Andor, European Commissioner for Employment and Social Affairs.

Before she spent five years with Commissioner L. KOVACS (Taxation and Customs Union), as deputy Head of cabinet and primarily responsible for relations with the European Parliament, customs matters and Enlargement. She had worked before for Commissioner A.Vitorino (Justice and Home Affairs), including as acting deputy head of cabinet, and responsible for relations with other institutions, international and enlargement issues, and Fundamental Rights. She also assisted her Commissioner during the Convention on the Future of Europe and has a solid experience in international competence issues and bilateral relations, specifically with the US.

Before she spent nine years in DG Environment, being responsible for major international negotiations, in particular on climate change, access to information and hazardous chemicals and waste. She has also been the Commission's representative at the OECD Environmental Committee. Anabela Gago then moved to DG Justice and Home Affairs from where she left to join the various Commissioners she has served.

Prior to this, she spent two years in the Commission's Legal Service and four years in the Translation service. Anabela Gago joined the Commission with the accession of Portugal in 1986, just after acquiring her degree in Law in Lisbon. In Brussels, she obtained a masters degree in European Law at the Université Libre de Bruxelles and studied International Relations at the Centre d'Etudes de Relations Internationales.



**OLDŘICH MARTINŮ**  
*Deputy Director, Europol*

**Plenary session 1**

"The serious and organised crime landscape in the EU has changed drastically in the past years - in large part due to advancements in technology. Criminals quickly adopt and integrate new technologies into their modi operandi or build brand-new business models around them.

The use of new technologies by organised crime groups (OCGs) has an impact on criminal activities across the spectrum of serious and organised crime. This includes developments online, such as the expansion of online trade and widespread availability of encrypted communication channels, as well as other aspects of technological innovation such as more accessible and cheaper drone technology, automated logistics, and advanced printing technologies.

Technology has become a key component of most, if not all, criminal activities carried out by OCGs in the EU and has afforded organised crime with an unprecedented degree of flexibility.

The vital role of technology for organised crime is reflected in the data collected and analysed for the SOCTA 2017 presented by Europol in March 2017. Also the Internet Organised Crime Threat Assessment (iOCTA) issued by Europol in September provides updated findings regarding the misuse of technologies and the internet by criminals. What can the EU's law enforcement community do to tackle the new challenges of crime in the age of technology?"



**SEAN MALINOWSKI**  
*Los Angeles Police,  
 United States of America*

**Plenary session 2**

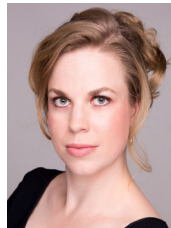
Deputy Chief Malinowski is the Chief of Staff to Los Angeles Police Chief Charlie Beck. As the Chief of Staff, he manages the Department's staff officers, provides strategic advice to the chief and oversees high priority projects.

Malinowski also manages the LAPD's Predictive Policing program and is the principal investigator for the federally-funded "Smart Policing Initiative."

As a Captain, Malinowski served as Commanding Officer in two of LAPD's 21 Divisions and also served as the C.O. for the Department's Crime Center where he oversaw the LAPD's Compstat process.

Malinowski joined the LAPD in 1994 and has worked patrol assignments in South Los Angeles, in the San Fernando Valley and in the west side beach community of Venice. As a sergeant, he worked Patrol, Internal Affairs and Training Division and as the Executive Officer for former LAPD Police Chief Bill Bratton.

Dr. Malinowski earned his Ph.D. in Public Administration from the University of Illinois. He is a Fulbright Scholar and a Senior Fellow at the Homeland Security Institute at Long Island University. In 2015, Dr. Malinowski was inducted into the George Mason University, Evidence-Based Policing Hall of Fame.



**MARJOLIJN BRUGGELING-JOYCE**  
*California Policy Lab,  
 United States of America*

**Plenary session 2**

Marjolijn Bruggeling-Joyce was born and raised in The Netherlands and now works in the USA as a research associate at California Policy Lab (CPL) and is based as a liaison at the Los Angeles Police Department (LAPD).

Marjolijn is also, simultaneously, working as the project lead on a University of Chicago Crime Lab research and technical assistance project, in conjunction with the Chicago Police Department. She coordinates research projects for both CPL and the University of Chicago Crime Lab and liaises between the two as necessary.

Prior to these positions in the United States, Marjolijn worked as a police lieutenant and served as a project leader for the implementation of information and data management programs across all 17 police precincts throughout Amsterdam, for duration of nearly 10 years.

Marjolijn also worked at bringing together national developments in the field of predictive policing and developed a framework, for police departments throughout the country, to test the effectiveness of strategies.



**MARLEEN EASTON**  
*Ghent University, Belgium*

**Plenary session 3**

Marleen Easton is a social worker and received her PhD in sociology on 'The demilitarization of the Belgian Gendarmerie' in 2000 at the Free University Brussels. Since then she has worked at the University College Ghent and Ghent University building up her own research group 'Governing and Policing Security' (GaPS) at the Department of Public Governance, Management and Finance in the Faculty of Economy and Business Administration at Ghent University ([www.gaps-ugent.be](http://www.gaps-ugent.be)).

Her research group stands at the crossroads of public administration/governance, management and criminology. A governance and management approach is applied to a whole range of local, national and international problems related to policing and security. Furthermore, GaPS is focusing on (1) the nature of the actors enforcing and controlling security (e.g. public/private, administrative/judicial), (2) blurring boundaries, the shift of competences on the policy and operational level and (3) the implementation of security policies and the perspectives of the security actors involved, their partners and the citizens.

From 2010 onwards Easton has been co-organizing an international master on 'Criminal Justice, Governance and Police Science' ([www.macrimgov.eu](http://www.macrimgov.eu)) in cooperation with the Ruhr Universität in Bochum, Germany, where she is Visiting Professor. She has been associated researcher at the Australian Research Council Centre of Excellence in Policing and Security (CEPS) at Griffith University in Brisbane where she is Adjunct Professor since the 1st of June 2017. Since 2014 she is president of the Innovation Center for Security in Belgium ([www.innos-center.be](http://www.innos-center.be)).



**JAMES SHEPTYCKI**  
*York University, Canada*

**Plenary session 3**

James Sheptycki is a Professor of Criminology at York University in Toronto, Canada.

He received a Ph.D. in sociology from the London School of Economics in 1991 and was an ESRC post-doctoral research fellow and lecturer in the Centre for Criminology and the Social and Philosophical Study of Law at the University of Edinburgh from 1993-1999.

His special research expertise revolves around issues of transnational crime and policing. He has written on a variety of substantive criminological topics including domestic violence, serial killers, money laundering, drugs, public order policing, organized crime, police accountability, intelligence-led policing, witness protection, risk and insecurity. He is currently engaged in research concerning 'guns, crime and social order'.



## Poster Presentations

**Luis Elias & Lúcia G. Pais**, Portugal  
Innovation in planning and management of major events

**Henrik Eriksson**, Sweden  
Ontologies for Intelligence Analysis

**Sérgio Felgueiras, Lúcia G. Pais & Sónia Morgado**, Portugal  
Interoperability: Diagnosing a novel assess model

**Janina Juskeviciute & Žaneta Navickienė**, Lithuania  
Holistic Approach to Pre-Trial Investigator's Professionalism

**Zeljko Karas**, Croatia  
Measuring Public Perception of Police Service Quality

**Marine Lechenault**, France  
Looting and trafficking of cultural heritage: towards unprecedented pooling of resources and knowledge between archaeologists, police services and art market

**Luís Malheiro**, Portugal  
Sociological Portraits of Cadets in Portuguese Military Academies

**Helene Monier**, France  
Individual and collective emotional regulations in jobs prone to emotional incidents: what issues for Human Resources Management?

**Kate O'Hara**, Ireland  
An Garda Síochána's Public Attitudes Survey: A move towards a multidimensional approach to measuring police performance

**Manuel Ramos Romero**, Spain  
New Innovations in criminal profiling: Indirect Profiling

**Vasiliki Romosiou**, Greece  
Implementation and Evaluation of a Psychoeducational Program for the Enhancement of Emotional Intelligence, Empathy, Resilience and Stress Management among Hellenic Police Officers

**Matthias Zeiser & Matthias Garbert**, Germany  
Corruption as a challenge for investigators – Insights from German law enforcement authorities

## Demonstrations

The following projects shall offer demonstrations of their (preliminary) products:

- AUGGMED project (session 3)
- INTEGER project (session 3)
- ASGARD project (session 15)
- TARGET project (session 24)

Demonstrations will take place during the poster session time slots on 28 and 29 November.

## PRACTICAL INFORMATION

### How to use the wifi

Wi-Fi is available for the guests of the conference.

SSID: Guest

Username: cepol2017

Password: uni-nke.hu

1. Please connect to "GUEST" and wait a window appears in your web browser.
2. Insert the given credentials and connect to the internet.

### Information desk

An information desk is at your disposal on the second floor of the Ludovika Main Building.

Opening hours:

- Tuesday 28th November: 08.30 - 16.30
- Wednesday 29th November: 08.30 - 16.30
- Thursday 30th November: 08.30 - 13.30

### Announcements and changes in the programme

Please consult the announcement boards located at the info desk in the 2<sup>nd</sup> floor for the latest information on the programme.

### Cloakroom

A cloakroom is available at the mezzanine floor in the staircase, during the whole time of the conference.

### Registration and accreditation

Upon arrival to the venue in the morning, participants shall look for the "Registrations" desks.

Registration is mandatory EVERY morning upon arrival.

### Coffee and lunch breaks

Coffee and lunch breaks will be held on the second floor.

Please adhere to the timing in line with the programme when going on a break.

### Smoking policy

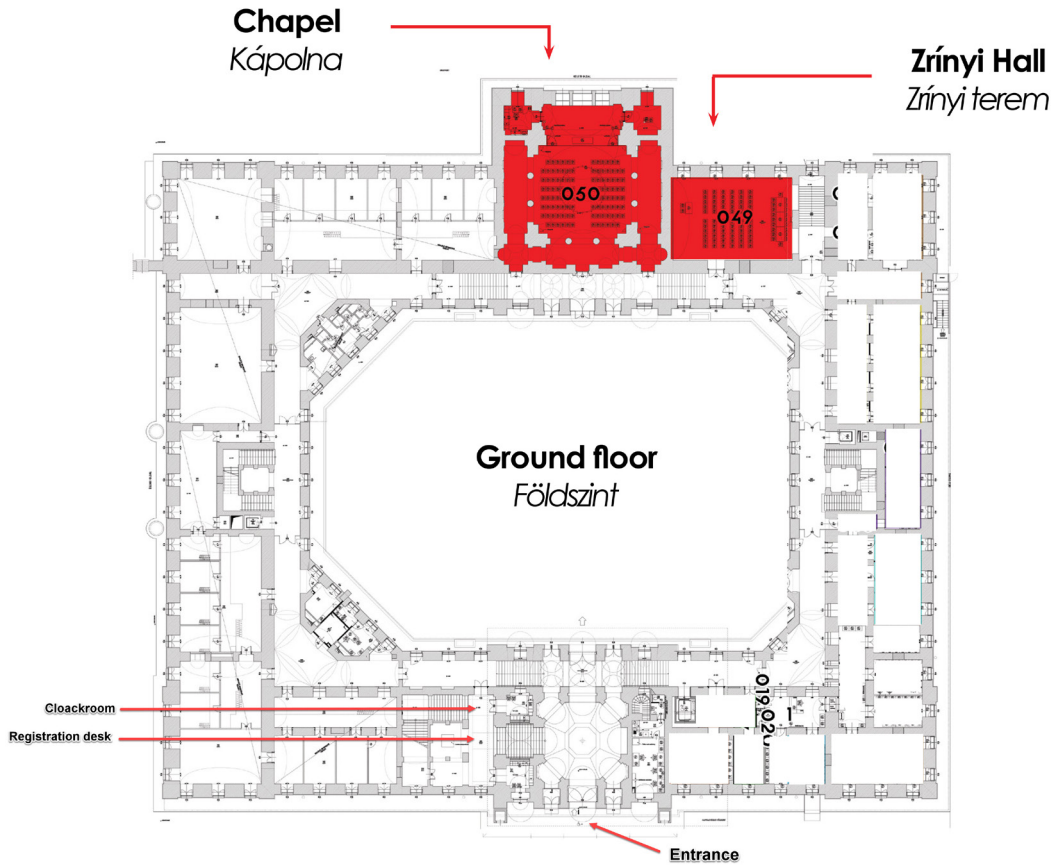
It is absolutely forbidden to smoke in front of the building. The smoking area is located at the back of the building.

***Please do not hesitate to share about the conference on social media,  
adding the hashtag #CEPOLRandS2017***

## How to navigate within the building

Ludovika Map - Ground floor

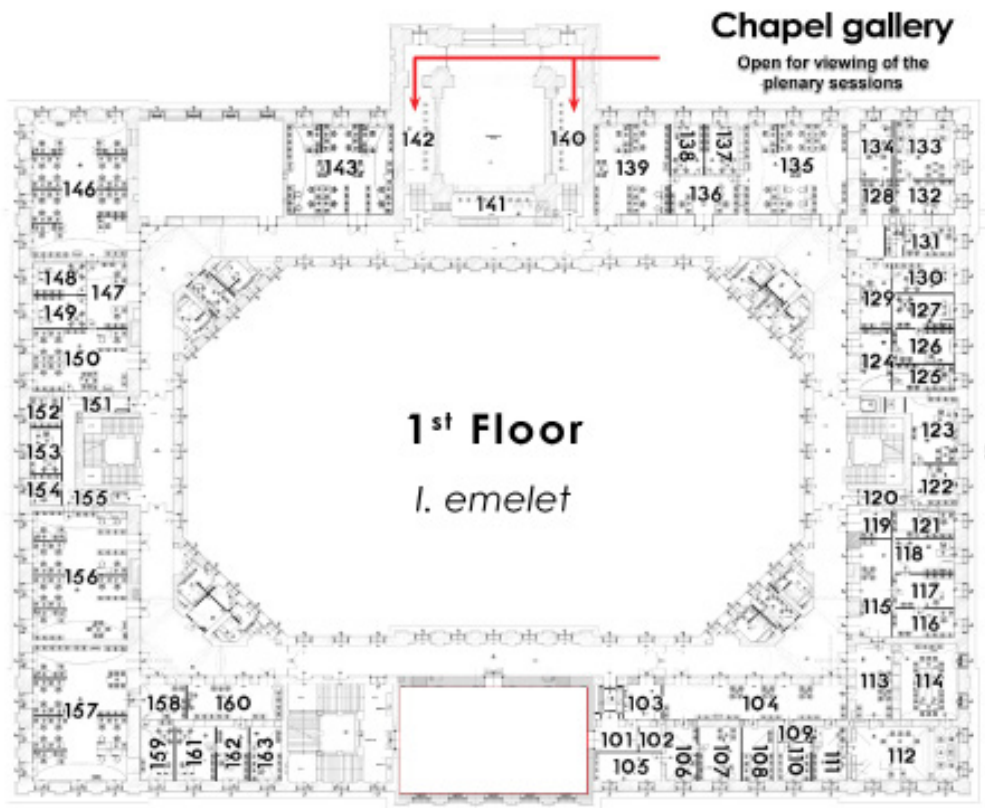
1083 Budapest, Ludovika sq. 2.



## How to navigate within the building

Ludovika Map - First floor

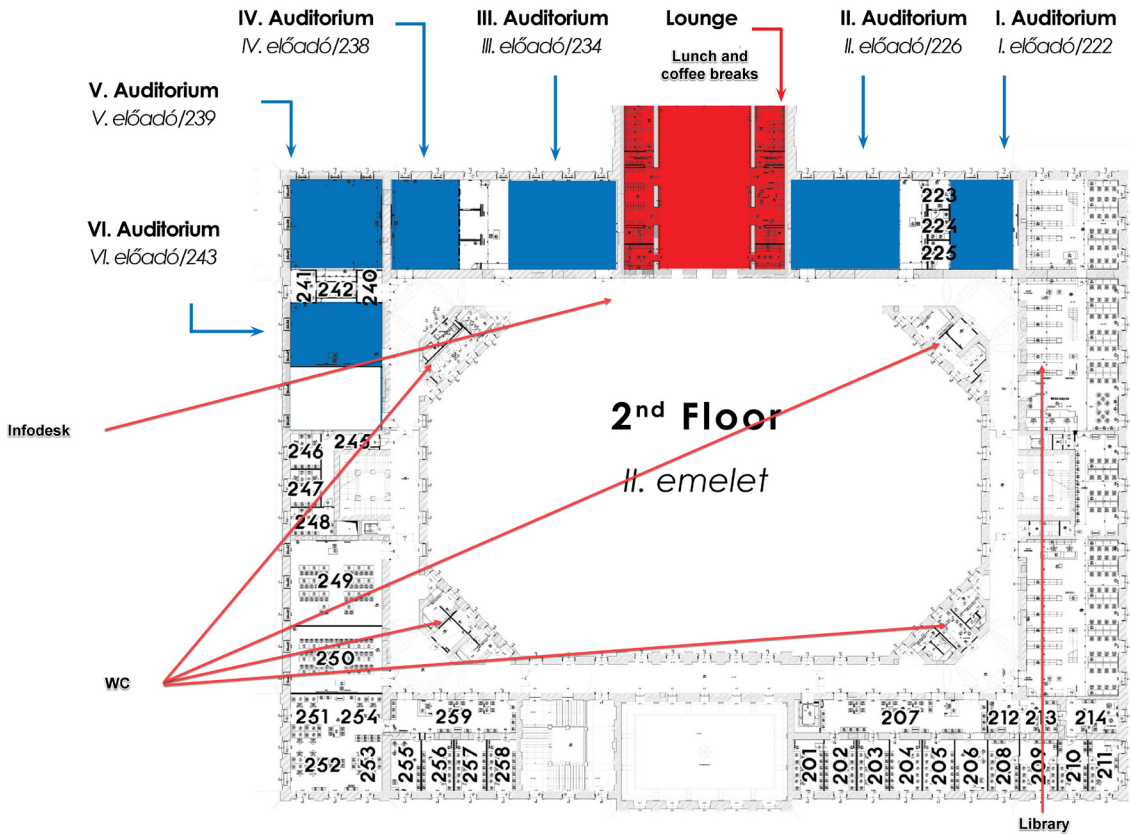
1083 Budapest, Ludovika sqr. 2.



## How to navigate within the building

Ludovika Map - Second floor

1083 Budapest, Ludovika sqr. 2.



	Tuesday sessions	Wednesday sessions	Thursday sessions
<b>Auditorium I</b>	2 - 5 - 12	15 - 18 - 21 - 25	29 - 31
<b>Auditorium II</b>	1 - 4 - 8 - 10	14 - 16 - 19 - 26	27 - 32
<b>Auditorium III</b>	3 - 6 - 9 - 11	13 - 17 - 22 - 24	28 - 33
<b>Auditorium IV</b>			
<b>Auditorium V</b>	7	20	30
<b>Auditorium VI</b>		23	

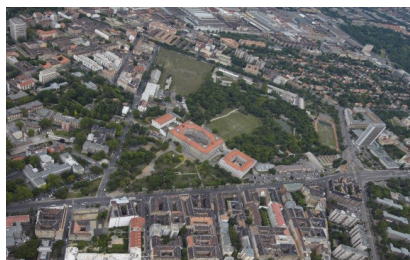
## How to get to the Ludovika Campus

Address of the Ludovika Main Building: 1083 Budapest, Ludovika sqr. 2.  
(Hungarian name: Nemzeti Közszolgálati Egyetem)

### From Budapest Ferenc Liszt International Airport:

#### By public transport (BKK)

- Take the bus 200E from Liszt Ferenc Airport 2 and get off after 9 stops at Köbánya-Kispest metro station.
- Change to metro line M3 at Köbánya-Kispest and get off after 5 stops at Nagyvárad tér.
- When you come out from the subway go further on Üllői street towards the city centre until you reach the Main Building.



Timetable: <http://www.bkk.hu/en/timetables/#200E>

### From Budapest Keleti Railway Station:

#### By public transport (BKK)

- Take the tram 24 at Keleti Pályaudvar M and take off after 5 stops at Elnök utca.
- Walk through the subway station and keep to the right. When you exit, the destination will be on your right.

Timetable: <http://www.bkk.hu/en/timetables/#24>

#### By public transport (BKK)

- Take the metro line M3.
- The Ludovika building is located between “Klinikák” and “Nagyvárad tér” metro stations.
- From each stop you should go further on Üllői street until you reach the campus.
- From the city centre you can change to M3 easily at:
  - » “Deák tér” from metro line M1 and M2,
  - » “Kálvin tér” from metro line M4,
  - » “Corvin-negyed” from tram line 4 or 6.

Metro runs between 4.30 and 23.20 each day. The departure frequency is 3-10 minutes depending on the part of the day.

Timetable: <http://www.bkk.hu/en/timetables/#M3>

**Warning: due to works on the metro line M3, the metro is no longer working after 20.30 each day. There are replacement busses to cover the service of the M3 line after that time.**

*Budapest's public transport are managed by the BKK. You can download the BKK app (BKK Futar) on your mobile phone to have a travel guide to the desired address along with the latest information about Budapest's public transport traffic.*



## How to get to the Ludovika Campus

### By taxi

You can call a taxi or just hail one on the street.

Please always use official Budapest taxis

(these are the yellow ones with the sign: "Licensed Budapest taxi")

- Budapest Taxi           +36 1 777 7777
- 6x6 Taxi                 +36 1 666 6666
- City Taxi                +36 1 111 1111
- Főtaxi                  +36 1 222 2222

### Important Note:

- Public transport tickets can be purchased at ticket vending machines or at newsstands (Inmedio).
- Tickets have to be validated in the underground or on the bus/tram.

## Contact information

### Main Contact

#### **CEPOL**

+36 1 803 8030/31

[conference2017@cepol.europa.eu](mailto:conference2017@cepol.europa.eu)

#### **NUPS/Conference venue**

+36 30 367 3166

[nups.international@uni-nke.hu](mailto:nups.international@uni-nke.hu)

### Emergency numbers

European emergency number	112
Ambulance & emergency medical services	104
Fire-brigade, rescue services, civil protection	105
Police	107
English-language police hotline (tourist police):	+36-1-438-8080
24- hour pharmacy (Patika): District 6, Teréz krt 41.	+36-1-311-4439





**INNOVATION IN LAW ENFORCEMENT**  
Research & Science Conference 2017  
28 - 30 November 2017 – Budapest, Hungary

European Union Agency for Law Enforcement Training  
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