

# CEPOL ANNUAL EUROPEAN POLICE RESEARCH AND SCIENCE CONFERENCE



## ***Evidence-based policing: new perspectives of cooperation between practice, education and police science.***

**5-8 October 2015**

*Edifício Polícia Judiciária, Rua Gomes Freire, 174, Lisboa*

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**MONDAY, 5<sup>TH</sup> OCTOBER 2015**

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**14:00-14:30 (Auditorium 1) – Opening ceremony**

Paula Teixeira da Cruz, *Portuguese Minister of Justice*  
Manuel Mateus Costa da Silva Couto, *General Commander of Guarda Nacional Republicana*  
José Almeida Rodrigues, *General-Director of Polícia Judiciária*  
Detlef Schroeder, *Deputy Director of the European Police College*  
Carla Falua, *Director of Escola de Polícia Judiciária*

**14:30-15:30 (Auditorium 1) – Opening address**

**14:30-15:30**      **Evidence-based policing and police-led research: An introduction**  
*Peter Neyroud, CBE QPM PhD (University of Cambridge)*

**15:30-16:00 – Coffee break**

**16:00-18:15 (Auditorium 1) – Evidence-based policing: From theory to practice**

*Session moderator: Professor Maurice Punch (London School of Economics and Political Science)*

**16:00-16:30**      **'I honestly don't see the point in this': the (continuing) challenges of integrating research evidence into police decision-making**  
*Professor Jenny Fleming (University of Southampton) and Professor Nick Fyfe (University of Dundee)*

**16:30-17:00**      **Tackling the paradox of policing research**  
*Professor Nick Fyfe (University of Dundee) and Professor Jenny Fleming (University of Southampton)*

**17:00-17:15**      **Open floor**

**17:15-18:15**      **Panel discussion with Professor Maurice Punch, Professor Jenny Fleming and Professor Nick Fyfe, moderated by Detlef Schroeder, CEPOL Deputy Director**

**TUESDAY, 6<sup>TH</sup> OCTOBER 2015**

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**09:00-10:45 (Auditorium 1) – Evidence-based policing: Transference challenges**

Session moderator: *Professor Jack Greene (Northeastern University)*

**09:00-09:30**      **The Scottish Community Engagement Trial (ScotCET): The challenges of replication in experimental studies of policing**  
*Professor Ben Bradford (University of Oxford)*

**09:30-10:00**      **Connecting evidence and experience in policing: the role of police-academic partnerships**  
*Professor Nick Fyfe (University of Dundee)*

**10:00-10:30**      **‘What Works for Crime Reduction’ – Linking Research to Policing**  
*Dr Nicky Miller (Research Evidence Partnership Manager, UK College of Policing)*

**10:30-10:45**      **Open floor**

**10:45-11:15 – Coffee break**

**11:15-13:00 (Auditorium 1) – Research projects: Methods and findings**

Session moderator: *Commandant Jean-Marie Fiquet (École Nationale Supérieure de la Police)*

**11:15-11:45**      **The CODISP (Concept and Tools for the Development of Intelligence-led Policing) Project**  
*Dr Thierry Delpuech (Centre Marc Bloch) and Professor Jacqueline Ross (University of Illinois)*

**11:45-12:15**      **Is it just a British thing? Examining the wider European relevance of evidence on the effects of mounted police deployments in the UK**  
*Dr Chris Giacomantonio (RAND Europe), Professor Ben Bradford (University of Oxford) and Mathew Davies (RAND Europe)*

**12:15-12:45**      **Communities, social media, and police accountability: Findings from EU research projects**  
*Professor Joachim Kersten (German Police University)*

**12:45-13:00**      **Open floor**

## TUESDAY, 6<sup>TH</sup> OCTOBER 2015

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### 11:15-12:45 (Auditorium 2) – Open session on crime prevention and investigation

Session moderator: *Professor Shane Johnson (University College London)*

- 11:15-11:30**      **Trawling the research base for the Crime Reduction online toolkit**  
*Lisa Thompson, Jyoti Belur, Tanya Le Sage, Shane Johnson, Kate Bowers, Aiden Sidebottom, Nick Tilley and Gloria Laycock (University College London Department of Security and Crime Science)*
- 11:30-11:45**      **Turning a Social Problem into a Cultural Opportunity: Crime Prevention Project ‘SOS AZULEJO’**  
*Leonor Sá (Escola de Polícia Judiciária)*
- 11:45-12:00**      **The importance of street crime context**  
*Ana Neves (doctoral researcher at Universidade Nova de Lisboa)*
- 12:00-12:15**      **Cognitive Issues and Criminal Investigations: How to Handle Errors**  
*Hans Ditrich (Institute for Science and Research, Dept. I/9 – SIAK)*
- 12:15-12:30**      **The Reform of Lithuanian Detective Force: Approach Based on Evidence**  
*Žaneta Navickienė and Ingrida Kairienė (Mykolas Romeris University)*
- 12:30-12:45**      **Open floor**

### 11:15-12:15 (Auditorium 3) – Open session on prevention and investigation of sexual offences

Session moderator: *Associate Professor Ksenija Butorac (Police College of Croatia)*

- 11:15-11:30**      **Multiple agency management of sex offenders: evidenced based evaluation**  
*Dr Mary Walker (Garda Síochána Research Unit)*
- 11:30-11:45**      **Decision Support, Crime Linkage and Analysis**  
*Dr Don Casey, Professor Phillip Burrell (London South Bank University) and Detective Chief Inspector Nick Sumner (Metropolitan Police Service)*
- 11:45-12:00**      **Child and adolescent Internet sexual offending: offenders typologies, use of pornography and images severity**  
*Raquel Guerra and Dr Cristina Soeiro (Escola de Polícia Judiciária)*
- 12:00-12:15**      **Open floor**

### 12:30-14:00 – Lunch break

**TUESDAY, 6<sup>TH</sup> OCTOBER 2015**

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**14:00-15:45 (Auditorium 1) - Law enforcement research and development: The role of International and European agencies**

Session moderator: *Professor Joachim Kersten (German Police University)*

- 14:00-14:20**      **Fostering (more) thoughtful policing – how the European Police College embraces research and police science**  
*Dr Detlef Nogala (European Police College)*
- 14:20-14:40**      **European police research and science: The role of EUROPOL (provisional title)**  
*Tamara Schotte (Serious Organised Crime Unit - EUROPOL)*
- 14:40-15:00**      **An evidence-based approach to European border policing? The challenge of the unknown, the human factor, expert judgement and self-fulfilling prophecies**  
*Dr Monica Gariup (Senior Research Officer, Frontex Research and Development Unit)*
- 15:00-15:20**      **INTERPOL's approach to promoting evidence-based policing at the international level**  
*Dieter Korhummel (INTERPOL Assistant Director, Capacity Building, Training, Research and Accreditation)*
- 15:30-15:45**      **Open floor**

**14:00-15:45 (Auditorium 2) – Open session on police management, training and performance (1)**

Session moderator: *Dr Mari Koskelainen (Poliisiammattikorkeakoulu)*

- 14:00-14:15**      **How do police officers perceive certain characteristics of the formal police management?**  
*Associate Professor Ksenija Butorac, Dr Ante Orlović and Assistant Professor Joško Sindik (Police College of Croatia)*
- 14:15-14:30**      **Managerial Influences on Police Discretion**  
*A. R. Parsons (doctoral researcher at the Institute of Criminology, University of Cambridge)*
- 14:30-14:45**      **Simulation: The Changing Face of Police Training**  
*Dr Gregory Kratzig (Training, Innovation and Research, RCMP)*
- 14:45-15:00**      **Planning and assessment of collective action policing**  
*Dr Luís Elias, Dr Sérgio Felgueiras and Dr Lúcia G. Pais (Instituto Superior de Ciências Policiais e Segurança Interna)*
- 15:00-15:15**      **An international comparison of the composition and motivations of volunteer police officers in a UK and US police force**  
*Dr Ian K. Pepper (Department of Law, Policing and Investigation, Teesside University) and Dr Ross Wolf (Department of Criminal Justice, University of Central Florida)*
- 15:15-15:30**      **Practical implications of critical incident's studies in the Portuguese crime investigation police**  
*Guida Manuel (Escola de Polícia Judiciária)*
- 15:30-15:45**      **Open floor**

**TUESDAY, 6<sup>TH</sup> OCTOBER 2015**

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**14:00-15:45 (Auditorium 3) – Workshop on national police research policies, resources and roadmaps**

*Workshop animators: European Police College Research & Science National Correspondents*

**15:45-16:15 – Coffee break**

**16:15-18:00 (Auditorium 1) – Research projects: Innovative methods and instruments**

*Session moderator: Professor Ben Bradford (University of Oxford)*

**16:15-16:45      Developing injury surveillance through ambulance data: A ‘proof of concept’ approach**

*Dr Chris Giacomantonio and Dr Alex Sutherland (RAND Europe) and Chief Inspector Dave Twyford (West Midlands Police)*

**16:45-17:15      Introducing EMMIE: An evidence rating scale to encourage mixed-method crime prevention synthesis reviews**

*Professor Shane Johnson, Professor Nick Tilley and Professor Kate Bowers (University College London)*

**17:15-17:45      Empirical research for identifying minimum operational standards in EU Common Security and Defense Policy (CSDP) trainings: the European Police Services Training (EUPST) 2011 - 2013 experience**

*Lt. Col. Renato Raggi (Centre of Excellence for Stability Police Units)*

**17:45-18:00      Open floor**

**TUESDAY, 6<sup>TH</sup> OCTOBER 2015**

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**16:15-18:00 (Auditorium 2) – Open session on forensics**

**Session moderator:** *Lt. Col. Cesare Vecchio (Carabinieri Scientific Headquarters)*

**16:15-16:30**      **The simultaneous profiling and analysis of street heroin using X-Ray Powder Diffraction**  
*Thulashija Sriskantharajah, Andrew Jackson and Jodie Dunnett (Staffordshire University)*

**16:30-16:45**      **Evaluation of cross-contamination of nylon bags with heavy loaded petrol fire debris and with automotive paint thinner**  
*Filipa Belchior and Stephen P. Andrews (University of Central Lancashire)*

**16:45-17:00**      **Fingerprint *minutiae* distribution by finger and pattern type in a sample of Spanish population**  
*Gutiérrez-Redomero, E., Alonso-Rodríguez, C., Rivaldería, N., Sánchez-Andrés, A., Fernández-Peire, MA., Rodríguez-Villalba, JL., Morillo RE., Nieva, J. and Comendeiro, J. (Universidad de Alcalá)*

**17:00-17:15**      **Remanufactured toner study by Fourier Transform Infrared Spectroscopy (FTIR)**  
*A. C. Almeida Assis and C. Farinha (Scientific Police Laboratory of Polícia Judiciária) and T. Gomes and R. Fausto (Chemistry Department of Faculdade de Ciências e Tecnologia da Universidade de Coimbra)*

**17:15-17:30**      **Physical-Chemistry Study of Line Crossings**  
*Daniela Djidrovska (INTERPOL's Counterfeit and Security Documents Branch)*

**17:30-17:45**      **Forensic analysis as support for network applications in the age of cloud computing**  
*César Arturo de la Torre (Escuela Politécnica Del Ejército Del Ecuador) and Marco de la Torre (Wroclaw University of Technology)*

**17:45-18:00**      **Open floor**

**16:15-18:00 (Auditorium 3) – Workshop on Experiences of Police-Academic Partnerships**

**Workshop animators:** *Professor Peter Neyroud, Professor Jenny Fleming, Professor Nick Fyfe, Dr Nicky Miller and Dr Matthew Bacon*

**20:00-21:30 – Welcoming dinner** *(keynote speakers and CEPOL network members)*

## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### 09:00-10:45 (Auditorium 1) – Transnational organised crime: Research, practice and roadmaps

Session moderator: *Dr Reinhard Kreissl (Vienna Centre for Societal Security)*

- 09:00-09:30      **Financing organised crime**  
*Professor Michael Levi (Cardiff University)*
- 09:30-10:00      **Organised and transnational crime in Europe**  
*Professor Vincenzo Ruggiero (Middlesex University London)*
- 10:00-10:30      **The infiltration of organised crime in the legitimate economy: how can research help investigation and asset recovery?**  
*Professor Michele Riccardi (Università Cattolica del Sacro Cuore)*
- 10:30-10:45      **Open floor**

### 09:00-11:00 (Auditorium 2) – Open session on police management, training and performance (2)

Session moderator: *Major-General Rui Fernando Batista Moura (Guarda Nacional Republicana)*

- 09:00-09:15      **Public Value: A new means to peel an apple?**  
*Ian Hesketh (Lancashire Constabulary) and Professor Jean Hartley (Open University)*
- 09:15-09:30      **Challenges facing evidence-based policing in Portugal**  
*Professor Paulo Machado (Universidade Nova de Lisboa)*
- 09:30-09:45      **“Corporate Police Stories” – About the Impact and the Capabilities of Police History on Policing, Police Training and Communication**  
*Dr Patricia Schütte-Bestek (Ruhr-Universität Bochum) and Dr Andreas Pudlat (Universität Hildesheim)*
- 09:45-10:00      **Lisbon Community Policing – The challenge of the intercultural and mediation approach**  
*Mónica Diniz and Claudia Santa Cruz (Polícia Municipal de Lisboa)*
- 10:00-10:15      **Knowledge-based decision-making: Evidence-based medicine as a model for police-commanders in high-risk situations?**  
*Torben Lehberg (German Police University)*
- 10:15-10:30      **The impact of physical activity and nutrition on sleep quality of police officers**  
*P. Guimarães, L. Monteiro and M. Cardoso (Instituto Superior de Ciências Policiais e Segurança Interna)*
- 10:30-10:45      **Management and mental health prevention in French police stations**  
*Jean-Sébastien Colombani (doctoral researcher at École Nationale Supérieure de la Police)*
- 10:45-11:00      **Open floor**



## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### 09:00-10:45 (Auditorium 3) – Open session on police learning and training

Session moderator: *Lt. Col. Renato Raggi (Centre of Excellence for Stability Police Units)*

- 09:00-09:15**      **The ELEES Project: Preliminary findings**  
*Dr André Konze (German Police University)*
- 09:15-09:30**      **Evaluation of basic police training – objectives, methods and results**  
*Dr Albin Muff (Präsidium der Bayerischen Bereitschaftspolizei)*
- 09:30-09:45**      **Police decision making in major events: A research programme**  
*Dr Lúcia G. Pais and Dr Sérgio Felgueiras (Instituto Superior de Ciências Policiais e de Segurança Interna)*
- 09:45-10:00**      **SAFECITI - context and objectives**  
*José Francisco López Sánchez (Innovation and Development Service of the Spanish National Police)*
- 10:00-10:15**      **Dealing with victims of sexual crimes: a learning and training project in the Portuguese Judiciary Police**  
*Dr Cristina Soeiro and Raquel Guerra (Escola de Polícia Judiciária)*
- 10:15-10:30**      **A comparison between Swedish and Catalan Police Students**  
*Thomas Bäck (Umeå University) and Lola Vallès (Catalan Police Academy)*
- 10:30-10:45**      **Open floor**

### 10:45-11:15 – Coffee break

### 11:15-12:45 (Auditorium 1) – Terrorism: Research, practice and roadmaps

Session moderator: *IC João Paulo Ventura (Polícia Judiciária)*

- 11:15-11:45**      **Terrorism, mass surveillance and civil rights**  
*Dr Reinhard Kreissl (Vienna Centre for Societal Security)*
- 11:45-12:15**      **Radicalisation: Lessons learned from the French experience**  
*Jean-Pascal Mariani (Unité de Coordination de la Lutte Anti-terroriste)*
- 12:15-12:45**      **Open floor**

## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### 11:15-12:45 (Auditorium 2) – Open session on intimate partner violence

Session moderator: *João Lázaro (Associação Portuguesa de Apoio à Vítima)*

**11:15-11:30 Intimate Partner Femicide, Risk Factors and Dynamics, and Implications for Policing**  
*Professor Dr Claudia Kestermann (Hochschule für Öffentliche Verwaltung)*

**11:30-11:45 Femicide Criminal Psychological Profiling: An Assessment of Risk Factors**  
*Dr Iris Almeida, Dr Cristina Soeiro and Dr Maria Luísa Lima (Instituto Superior Egas Moniz)*

**11:45-12:00 Police responses to domestic violence: a systematic review**  
*Carol Vigurs (University College London)*

**12:00-12:15 Mind the Gap! Improving intervention in Intimate Partner Violence against older Women – The role of law enforcement agencies**  
*Dr Heloísa Perista (Centro de Estudos para a Intervenção Social)*

**12:15-12:30 Victim's views on policing partner violence**  
*Kate Butterworth (Durham University), Nicole Westmarland (Durham University) and Helen Murphy (Durham Constabulary)*

**12:30-12:45 Open floor**

### 11:15-12:00 (Auditorium 3) – Open session on police ethics

Session moderator: *IC Carlos Costa (Escola de Polícia Judiciária)*

**11:15-11:30 Challenges and possibilities for the implementation of policing codes of ethics**  
*Anja Schaefer (the Open University), Dr Owain Smolović Jones (the Open University) and Gerald Murray (Police Service of Northern Ireland)*

**11:30-11:45 The Implementation of an Ethics Committee in a United Kingdom Police Constabulary**  
*Christopher Solf (doctoral researcher, Avon and Somerset Constabulary and Bath Spa University)*

**11:45-12:00 Open floor**

## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### **12:00-13:00 (Auditorium 3) – Open session on new technologies and special investigation methods**

Session moderator: *Professor Filipe Mota Pinto (Instituto Politécnico de Leiria)*

**12:00-12:15**      **Preconditions for the long-term use of new technologies by law enforcement agencies**  
*Caroline Goemans-Dorny and Sabine Berghs (INTERPOL)*

**12:15-12:30**      **Police, camera, evidence; a collaborative evaluation of the impact of body worn video**  
*Inspector Ben Clark and Superintendent Adrian Hutchinson (Metropolitan Police Service)*

**12:30-12:45**      **Regulating the Gray Zone: A Comparative Look at Undercover Policing in the United States, Italy, Germany, and France**  
*Professor Jacqueline Ross (University of Illinois)*

**12:45-13:00**      **Open floor**

### **13:00-14:30 – Lunch break**

### **14:30-16:15 (Auditorium 1) – Cyber crime: Research, practice and roadmaps**

Session moderator: *Peter Neyroud, CBE QPM PhD (University of Cambridge)*

**14:30-15:00**      **The Changing Cybersecurity Threat Landscape and the Challenges for Policing Cybercrime in the EU**  
*Professor David S. Wall (University of Leeds)*

**15:00-15:30**      **Building bridges: recent lessons learned in evidence based research involving law enforcement**  
*Professor Joseph Cannataci (University of Groningen)*

**15:30-16:00**      **Cyber crime: research evidence and roadmaps for applied research with science researchers and law and enforcement agencies**  
*Professor Filipe Mota Pinto (Instituto Politécnico de Leiria)*

**16:00-16:15**      **Open floor**

## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### 14:30-15:45 (Auditorium 2) – Trafficking in human beings: Research, practice and roadmaps

Session moderator: *CIC Patrícia Silveira (Polícia Judiciária)*

14:30-15:00      **New Directions in Research on Human Trafficking**  
*Professor Dina Siegel (University of Utrecht)*

15:00-15:30      **Trafficking in Human beings: Country-specific law enforcement practices in Europe**  
*Dr Madalena Duarte (Universidade de Coimbra)*

15:30-15:45      **Open floor**

### 16:00-16:30 – Coffee break

### 16:30-17:30 (Auditorium 1) – Open session on ‘what works’ and on ‘what really matters’

Session moderator: *Professor Maurice Punch (London School of Economics and Political Science)*

16:30-16:45      **In search of good evidence-based policing, a UK perspective**  
*Dr Denise Martin (University of the West of Scotland)*

16:45-17:00      **Evidence-based policing through Consortium research**  
*Jean Hartley and Dr Owain Smolović Jones (The Open University)*

17:00-17:15      **What *really* matters in policing? And why “what works?” alone is simply not enough**  
*Auke van Dijk and Frank Hoogewoning (Dutch National Police)*

17:15-17:30      **Open floor**

## WEDNESDAY, 7<sup>TH</sup> OCTOBER 2015

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### 16:30-17:45 (Auditorium 2) – Open session on organised crime

Session moderator: *CIC Manuela Marta (Polícia Judiciária)*

- 16:30-16:45**      **Leading industry of economic crises: organized crime? - The Hungarian organized crime in the past two decades**  
*Tamas Bezsényi (National University of Public Administration, Faculty of Law Enforcement)*
- 16:45-17:00**      **Human trafficking for the purpose of sexual exploitation: Organisational structures and modus operandi of the perpetrators**  
*Bettina Zietlow (Kriminologisches Forschungsinstitut Niedersachsen) and Matthias Radtke (Criminological Research Institute of Lower Saxony)*
- 17:00-17:15**      **Trafficking in Human Beings – Extending the concept of vulnerability to the territory**  
*Rita Penedo (Observatory on Trafficking in Human Beings/Ministry of Internal Administration)*
- 17:15-17:30**      **Counterfeit plant protection products: a mixed-methods study of an emerging crime threat to the UK agricultural industry**  
*Christopher Sambrook (Harper Adams University)*
- 17:30-17:45**      **Open floor**

### 16:30-17:15 (Auditorium 3) – Open session on terrorism

Session moderator: *IC João Paulo Ventura (Polícia Judiciária)*

- 16:30-16:45**      **Evidence-based counter-terrorism policy**  
*José María Blanco (Guardia Civil) and Jessica Cohen (Private sector analysis)*
- 16:45-17:00**      **Cybercommunication as a Jihadi Strategic Tool**  
*Dr Felipe Pathé Duarte (Instituto Superior de Ciências Policiais e Segurança Interna)*
- 17:00-17:15**      **Open floor**

### 20:00-22:00 – Conference official dinner

## THURSDAY, 8<sup>TH</sup> OCTOBER 2015

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### **09:15-11:15 (Auditorium 1) – Evidence-based policing: a new perspective of cooperation between practice, education and police science?**

Session moderator: *Professor Jenny Fleming (University of Southampton)*

**09:15-09:45      Measuring and Understanding What the Police Do: Balancing Prediction and Meaning in the Rise of Police Science**

*Professor Jack Greene (Northeastern University)*

**09:45-10:15      What *really* matters in policing?**

*Professor Maurice Punch (London School of Economics and Political Science)*

**10:15-10:30      Open floor**

**10:30-11:15      Panel discussion** with *Professor Jenny Fleming, Professor Jack Greene, Professor Maurice Punch and Professor Ben Bradford*, moderated by *Dr Detlef Nogala (European Police College)*

**11:15-11:45      Coffee break**

**11:45-12:30 (Auditorium 1) - Closing ceremony**

*Pedro do Carmo, Deputy Director of Polícia Judiciária*  
*Carla Falua, Director of Escola de Polícia Judiciária*

## POSTERS (6<sup>th</sup> October, main atrium)

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### 'Virtual session' on police management, performance and health

#### **Stress among police officers: a comparative study between begin/end of shift during two weeks**

*Iolanda Braga Pereira and Cristina Queirós (Universidade do Porto) and António Leitão da Silva (Polícia Municipal do Porto)*

#### **Coping strategies among police officers: a comparative study with civilians**

*Iolanda Braga Pereira and Cristina Queirós (Universidade do Porto) and António Leitão da Silva (Polícia Municipal do Porto)*

#### **Psychological wellbeing and psychopathology symptoms among police officers**

*Cristina Queirós (Universidade do Porto), Maria Cristina Castro (Universidade do Porto e Universidade Federal de Santa Catarina, Brasil) and Guida Manuel and Cristina Soeiro (Escola de Polícia Judiciária)*

#### **From the sources of stress to well-being: The protective role of personal, social and organizational resources**

*Sónia P. Gonçalves (Instituto Piaget) and Fátima Ferro (Centro de Psicologia e Intervenção Social da GNR)*

#### **Psychopathological symptoms as predictors of burnout among police officers with different years of experience**

*Joana Rosa and Fernando Passos (Polícia Judiciária) and Cristina Queirós (Universidade do Porto)*

#### **Some aspects of police actions during criminal investigation of domestic homicides**

*Dr Lana Milivojevic (Ministry of the Interior of the Republic of Croatia, Police College)*

#### **Conflicts in the national police of São Tomé e Príncipe**

*Percile Pires dos Santos and Sónia Morgado (Instituto Superior de Ciências Policiais e Segurança Interna)*

## POSTERS (7<sup>th</sup> October, main atrium)

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### 'Virtual session' on new technologies and police intelligence

#### **UAV's in PSP: Vantages and disadvantages in the Portuguese context**

*Rui Alvaro and Sónia Morgado (Instituto Superior de Ciências Policiais e Segurança Interna)*

#### **Facebook as intelligence: A challenge to police forces**

*Rui Ferraz and Sónia Morgado (Instituto Superior de Ciências Policiais e Segurança Interna)*

#### **Some factors that have an influence on writing police intelligence information in the Republic of Croatia**

*Dr Josip Pavliček, Simona Strmečki, M.A. & Marica Mravak (Police College, MoI, Republic of Croatia)*

### 'Virtual session' on forensics

#### **Writing instrument inks microspectrophotometry forensic analysis and characterization**

*A.C. Almeida Assis and C. Farinha (Laboratório de Polícia Científica, Polícia Judiciária) and F. Inácio and J. Seixas de Melo (Department of Chemistry, University of Coimbra).*

#### **Forensic Analysis of Unknown Materials: a different vision of Questioned Documents**

*A.C. Almeida Assis, M.F. Barbosa and C. Farinha (Laboratório de Polícia Científica, Polícia Judiciária)*

## POSTERS (7<sup>th</sup> October, main atrium)

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### **Near infrared hyper spectral imaging as a promising tool to differentiate counterfeit clothes**

*P. Prego Meleiro (Department of Analytical Chemistry, Multipurpose Building of Chemistry, University of Alcalá), F. Ortega-Ojeda and C. García-Ruiz (University Institute of Research in Police Sciences, University of Alcalá)*

### **Dismantling Illicit Laboratories**

*Ana Isabel Alves (Laboratório de Polícia Científica, Polícia Judiciária)*

### **New Psychoactive Substances: The role of the Scientific Police Laboratory in overcoming new challenges**

*Ana Matias, Algina Barbosa, Andrea Alexandre, Gonçalo Sousa, Joana Alegre, José Prospéri, José Rodrigues, Maria João Caldeira, Paula Costa, Raquel Ferreira, Sandra Medeiros and João Rodrigues (Laboratório de Polícia Científica, Polícia Judiciária)*