

SCIENTIFIC PROGRAMME
12th International Forensic Symposium
Bratislava, Slovak Republic, 18th- 20th February

KEY SPEAKERS:

- 1. Funding opportunities in H2020 Secure Societies calls.**
Peter BEŇO
Slovak Centre of Scientific and Technical Information, SLOVAKIA
- 2. Proficiency test program in forensic GSR and firearm investigations.**
Ludwig H. NIEWÖHNER
Bundeskriminalamt Wiesbaden, GERMANY
- 3. INTERPOL AFIS gateway and Facial Recognition database.**
Zuzana DEŠČÍKOVÁ
INTERPOL

LECTURES:

- 1. A multidisciplinary and multi-segment activity of the Centre of Excellence security research.**
Jozef METEŇKO
Academy of Police Forces in Bratislava, SLOVAKIA
- 2. The use of GC and GC-MS for analysis of originality, identification of hits and design of samples of spirits.**
Ladislav ŠTIBRÁNYI, Viktor MILATA, Daniel VEGH, Jozefína ŽÚŽIOVÁ
Slovak University of Technology in Bratislava, SLOVAKIA
- 3. Energetic substances, their identification on the basis of trace analysis and study of explosives residues in order to determine the used explosive utilizing GC and GC-MS technique.**
Ladislav ŠTIBRÁNYI, Viktor MILATA, Štefan MARCHALÍN, Daniel VEGH, Peter ŠAFAR
Slovak University of Technology in Bratislava, SLOVAKIA
- 4. Digital Handwritten Signatures - Possibilities of Forensic Handwriting Examination.**
Barbora GEISTOVÁ ČAKOVSKÁ
Institute of Forensic Science, SLOVAKIA

- 5. Analysis of gunshot residues from marked ammunition.**
Júlia POLOVKOVÁ, Igor SZEGÉNYI, Miroslav ŠIMONIČ
Institute of Forensic Science, SLOVAKIA
- 6. Digital CSI in Serbia.**
Zvonimir IVANOVIČ
Academy of criminalistics and police studies, REPUBLIC OF SERBIA
- 7. A Novel Approach to Construction of Statistical Model of Fingerprint Individuality.**
Pavol MARÁK
Slovak University of Technology in Bratislava, SLOVAKIA
- 8. Hand - Possibilities of fingerprint identification.**
Rudolf POLÁČEK
Institute of Forensic Science, SLOVAKIA
- 9. Perfect Document – Science Fiction or Reality?**
Adriana JABCONOVÁ, Tatiana DUGOVIČOVÁ, Elena BLAHOVÁ, Juraj MATĚJKA
Institute of Forensic Science, SLOVAKIA
- 10. Application of molecular spectroscopy methods for identification of constituents of documents.**
Michal ČEPPAN, Milena REHÁKOVÁ, Vladimír DVONKA, Katarína VIZÁROVÁ
Department of Graphic Arts Technology and Applied Photochemistry, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, SLOVAKIA
- 11. Cannabis – actual view.**
Jiří ZAPLETAL
Institute of Forensic Science, SLOVAKIA
- 12. Identification of the biological material type in the stain recovered from crime scene using RNA analysis.**
Andrej CHOMA, Barbara SVIEŽENÁ
Institute of Forensic Science, SLOVAKIA
- 13. Design of software system for automatic processing of traceology objects.**
Marta SVÍTKOVÁ, Michal VAGAČ
Institute of Forensic Science, SLOVAKIA
University of Matej Bel Banská Bystrica, SLOVAKIA
- 14. Progress via projects.**
Zuzana NÉMETHOVÁ
Institute of Forensic Science, SLOVAKIA
- 15. New sampling techniques for analysis of explosives by Ion Mobility Spectrometry.**
Martin SABO
Comenius University, SLOVAKIA

- 16. Do we really need HRMS and DART techniques for illicit drug identifications?**
Ferdinand DEVÍNSKY, Janka KUBINCOVÁ, Jindra VALENTOVÁ, Mária FUKNOVÁ
Comenius University in Bratislava, SLOVAKIA
Institute of Forensic Science, SLOVAKIA
- 17. Typical misleads in digital forensic analysis of GPS forensic artefacts.**
Mario LOLESKI
Ministry of Interior, REPUBLIC OF MACEDONIA
- 18. Poroscopy as a modern form of qualitative and quantitative identification of latent prints.**
Slobodan OKLEVSKI
Ministry of Interior, REPUBLIC OF MACEDONIA
- 19. The evolution of criminology in the Republic of Moldova.**
Ala MELECA, Nicolae BODRUG
Ministry of Internal Affairs, REPUBLIC OF MOLDOVA
- 20. Forensic research.**
Małgorzata KWIETNIEWSKA, Agnieszka ŁUKOMSKA
Central Forensic Laboratory of the Police, POLAND
- 21. Research and development system in the ICP.**
Pavel KOLÁŘ
Institute of Criminalistics Prague, CZECH REPUBLIC
- 22. Non-standard explosives and post blast residues in forensic practice.**
Marek KOTRLÝ
Institute of Criminalistics Prague, CZECH REPUBLIC
- 23. Test strips for checking the reactivity of fingerprint visualisation methods on absorptive surfaces with amino acids.**
Urszula WIĘCKIEWICZ, Tomasz SZCZEPANSKI
Central Forensic Laboratory of the Police, POLAND
- 24. Hand in a glove – interesting study of identification of dead corpse.**
Urszula WIĘCKIEWICZ, Tomasz SZCZEPANSKI
Central Forensic Laboratory of the Police, POLAND
- 25. e-XPRT - new way of information exchange.**
Michaela ŠPANKOVÁ, Jozef MLKVÍK, Róbert LAMOŠ
Institute of Forensic Science, SLOVAKIA
- 26. Fatal consequences of gunshot injuries in Bratislava and its vicinity.**
Jozef ŠIDLO, Ľ. MIKULÁŠ, P. OČKO, J. ŠIKUTA, R. KURUC
Comenius University in Bratislava, SLOVAKIA

- 27. Fatal consequences of psychoactive substances abuse in Slovakia.**
Jozef ŠIDLO
Comenius University in Bratislava, SLOVAKIA
- 28. Opiates and opioids abuse-related deaths in Bratislava and its vicinity.**
Jozef ŠIDLO, A. KOVÁCS, J. ŠIKUTA, R. KURUC, Ľ. NIŽNANSKÝ
Comenius University in Bratislava, SLOVAKIA
- 29. Fire investigation and the analytical use of thermometry.**
Frank Dieter STOLT
Fire Investigation / Forensic Engineering, GERMANY
- 30. Direct and rapid analysis of synthetic cannabinods by real-time-mass spectrometry (DART-MS).**
Jindra VALENTOVÁ, Ladislav HABALA, Janka KUBINCOVÁ, Anton NEMEC, Ferdinand DEVÍNSKY.
Comenius University in Bratislava, SLOVAKIA
- 31. Composition of by-products during GC-MS analysis of new psychoactive substances.**
István BALATONI
Hungarian Institute for Forensic Sciences, HUNGARY
- 32. Application of low-adhesive tapes in collecting DNA material from surfaces followed by visualization of fingerprints.**
Radosław NAWOTKA
Police Academy in Szczytno, POLAND
- 33. Experiences of forensic DNA backlog elimination by the use of a quota system in Hungary.**
János WOLLER
Hungarian Institute for Forensic Sciences, HUNGARY
- 34. Development of a high throughput pre-PCR system by the use of Hamilton AutoLys STAR robotic workstation.**
Áfonya SZEMES
Hungarian Institute for Forensic Sciences, HUNGARY
- 35. Cross Border Forensic Information Exchange.**
Peter VARGA
KVANT, SLOVAKIA
- 36. Elementary analysis in forensic practice.**
Petr KOLEČKÁŘ, Michal LOMEN
SPECTRO APS, SLOVAKIA

POSTERS:

- 1. Computer measurement tools for analysis of handwriting and signatures
GLOBALGRAF II programme package.**
Marek MIRON, Mieczysław GOC
Polish Forensic Association, POLAND
- 2. Graphical documents examination using molecular spectroscopy and chemometry.**
Vladimír DVONKA, Michal ČEPPAN, Michaela BELOVIČOVÁ, Lukáš GÁL, Milena REHÁKOVÁ, Pavol GEMEINER
Department of Graphic Arts Technology and Applied Photochemistry, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, SLOVAKIA
- 3. Identification of new synthetic cannabinoids.**
Mária FUKNOVÁ, Katarína JANKOVIČOVÁ
Institute of Forensic Science, SLOVAKIA
- 4. Determination of adrenergic amines in dietary supplements using GC-MS.**
Renata HORÁKOVÁ, Jindra VALENTOVÁ, Ferdinand DEVÍNSKY
Comenius University in Bratislava, Faculty of Pharmacy, SLOVAKIA
- 5. Determination of the enantiomers of methadone and its metabolite EDDP in human serum by HPLC-MS/MS.**
Iveta PECHOVÁ, Jindra VALENTOVÁ, Ferdinand DEVÍNSKY
Comenius University in Bratislava, Faculty of Pharmacy, SLOVAKIA
- 6. Synthesis of chiral surfactants and their use as separation media in micellar liquid chromatography.**
Roman MIKLAS, Iveta PECHOVÁ, Jindra VALENTOVÁ, Ferdinand DEVÍNSKY
Comenius University in Bratislava, Faculty of Pharmacy, SLOVAKIA
- 7. Interaction between DNA and cationic gemini surfactants.**
Martin PISARČIK, Ferdinand DEVÍNSKY, Jindra VALENTOVÁ
Comenius University in Bratislava, Faculty of Pharmacy, SLOVAKIA
- 8. Synthesis and HPLC enantioseparation of novel derivatives of the potential beta-blockers with 4-(2-methoxyphenyl) piperazine in hydrophilic part of the molecule.**
Ružena ČIZMARIKOVÁ, Andrej NEMÉTHY, Ferdinand DEVÍNSKY, Jindra VALENTOVÁ
Comenius University in Bratislava, SLOVAKIA
- 9. Establishing correlation of various footprints parameters with stature and body weight.**
Petra UHROVÁ, Zuzana ČAPLOVÁ, Soňa MASNICOVÁ, Radoslav BEŇUŠ
Faculty of Natural Sciences, Comenius University in Bratislava, SLOVAKIA
Department of Biomedical Science for Health, University of Milan, ITALY
Academy of Police Force in Bratislava, SLOVAKIA

- 10. Using Corona discharge - Ion mobility-Mass spectrometry for detection of explosive 2,4,6-Trinitrotoluene.**
Zuzana LICHVANOVÁ
Comenius University, SLOVAKIA
- 11. Usage of photogrammetric methods for reduction of vehicle speed prediction errors.**
Loreta LEVULYTĖ, Vidas ŽURAULIS
Vilnius Gediminas Technical University, LITHUANIA
- 12. Seizure of “aromatic plants” in Slovakia.**
Ivan KOVÁČ, Andrej BOLF, Oľga ŠMIDOVÁ, Jana TARBAJOVSKÁ
Institute of Forensic Science, SLOVAKIA
- 13. Analysis of new pre - precursor - Na 3-[3',4'-(methylenedioxy)phenyl]-2-methyl glycidate (sodium salt of PMK glycidate).**
Ivan KOVÁČ, Andrej BOLF
Institute of Forensic Science, SLOVAKIA
- 14. The microscopic examination of toner particles in ink lines.**
Diana BARTKEVIČIENĖ
Forensic Science Center of Lithuania, LITHUANIA
- 15. DNA analysis of blood latent fingerprint and shoeprint traces after visualization with chemicals.**
Adela KÚDELOVÁ, Peter KEKEŇÁK, Jana ČERVENÁKOVÁ, V. OLIŠAR
Institute of Forensic Science, SLOVAKIA
- 16. Analysis of DNA in Two-Year-Old Paraffin-embedded Thin-Tissue.**
Jana ČERVENÁKOVÁ, Adela KÚDELOVÁ, David VLČEK
Institute of Forensic Science, SLOVAKIA
- 17. Project: „Cross border forensic information exchange and support of cross border crime clarifying“.**
Ján SCHMIDT, Miroslav ONDREJKA
Institute of Forensic Science, SLOVAKIA
- 18. Handwriting features respecting the use of the dominant and subdominant hand.**
Magdaléna KRAJNÍKOVÁ, Mária HUMENSKÁ, Jaroslava SAMKOVÁ
Academy of Police Force in Bratislava, SLOVAKIA
Territorial police department Pilsen region, CZECH REPUBLIC
- 19. Identification of structural isomers of cathinones by LC-ESI-Orbitrap.**
Janka KUBINCOVÁ, Ferdinand DEVÍNSKY, Jindra VALENTOVÁ
Comenius University in Bratislava, SLOVAKIA
- 20. Skeletal trauma and pathology in forensic casework: Reliability and limitations of morphological features in personal identification.**
Klaudia KYSELICOVÁ, Radoslav BEŇUŠ, Michaela DÖRNHÖFEROVÁ

- 21. Microextraction with packed sorbent for the sample preparation of post-blast residues.**
Svetlana HROUZKOVÁ, Pavol ULBRICH, Adriana ILKOVIČOVÁ
Slovak University of Technology in Bratislava, SLOVAKIA
Institute of Forensic Science, SLOVAKIA
- 22. The forensic application of post-mortem imaging – case study.**
Antal KRICKOVICS, Angyal MIKLÓS, S. SZUKITS, I. BATTHYÁNY
Hungarian Institute for Forensic Sciences, HUNGARY
University of Pécs, HUNGARY
- 23. IT forensic unit supporting the development of latent prints on „difficult” porous and non-porous surfaces.**
Urszula WIECKIEWICZ, Tomasz SZCZEPANSKI
Central Forensic Laboratory of the Police, POLAND
- 24. Human odour as a biological evidence – possibilities and limitations.**
Orsolya HORVÁTH
University of Pécs, HUNGARY
- 25. Surface analysis for explosives by laser desorption corona discharge ion mobility spectrometer.**
Michaela MALÁSKOVÁ
Comenius University in Bratislava, SLOVAKIA
- 26. HPLC separation of JWH-122 (synthetic cannabinoid) and its methyl-naphthyl isomers on porous graphitic carbon (PGC) stationary phase**
Tibor VERESS, Tamás CSESZTREGI, Júlia NAGY
Hungarian Institute for Forensic Sciences, HUNGARY
- 27. Forensic view of white paints: negligible or significant pieces of evidence?**
Edit KUTSCH, Zsolt SZOLDÁN, Péter TÓTH, Judit SÁNDOR
Hungarian Institute for Forensic Sciences, HUNGARY
- 28. Microextraction with packed sorbent for the sample preparation of post-blast residues.**
Pavol ULBRICH
Institute of Forensic Science, SLOVAKIA
- 29. 20 years of using AFIS in Slovakia.**
Michaela ŠPANKOVÁ, Ján POLÁK, Milan KOVÁČ
Institute of Forensic Science, SLOVAKIA
- 30. When the hydrosulphide kills.**
Miroslav PÁNIK
Institute of Forensic Science, SLOVAKIA