



Traditional international conference

New Methods 2024

Prague, 21 – 22 October 2024

Monday 21 October 2024

- 9:00 Conference opening
- 9:15 Identification of forgery of manual records made on CNC devices
Urszula Konarowska, Mieczysław Goc, Waldemar Krawczyk
- 9:45 The scale and dynamics of counterfeiting of modern banknotes in the world
Dariusz Wilk
- 10:15 Elemental comparative analysis of packages for cosmetics using laser-based techniques
Aleksandra Pawlaczyk, Agata Wojtaszek, Małgorzata Iwona Szykowska-Jóźwik
- 10:45 Discussion, exhibition and coffee break
- 11:15 The Karl Denke project – perspectives of using forensic archaeology in the study of old crimes
Maciej Trzciński, Tomasz Borkowski
- 11:45 Problematika určovania pravosti archeologických nálezov zo zliatin farebných kovov
Renata Glaser-Opitzová
- 12:15 Výskyt fragmentů textilních vláken v prostředí - průběžná studie
Ivana Turková, Barbora Špatková
- 12:45 Robotic system brings new possibilities for non-destructive forensic analysis of 3D objects
Marek Kotrlý, Josef Uher, Jana Boháčová, Jan Jakubek
- 13:15 Lunch break, exhibition
- 14:00 Video Spectral Comparison (VSC) 3D Imaging and Hyper Spectral Imaging for Forensic Document Analysis and Sequence Determination
Romain Le Bloa
- 14:30 Skryté možnosti nanosvětla
Štěpán-Adam Havlíček
- 15:00 XRM technology: discover more with 3D X-ray
Ivana Burianová
- 15:30 Mitigating charging effects using scanning electron microscopy (SEM) and its application in ore recognition
Petr Macháček
- 16:00 Trace searching support with innovative mobile detector at crime scene
Csaba Bozó, Laszlo Trif, András Fehér, Éva Hollós, Gergely Makan, Róbert Mingesz, Ákos Kükövecz
- 16:30 Misidentification of mineral phases: The role of scale size choice (Chybná identifikace minerálních fází: Role volby velikosti měřítka)
Roman Skála, Šárka Křížová, Mariana Klementová, Patricie Halodová
- 16:45 Discussion, exhibition and coffee break
- 17:15 Guided tour of Prague
- 19:30 Get-together evening with dinner

Tuesday 22 October 2024

- 9:00 Identification of red organic colorants in artworks via high-performance liquid chromatography
Radka Šefců, Markéta Havlová, Václava Antušková, Barbora Mašek Benetková, Petra Šulcová, Marek Kotrlý
- 9:30 New emerging technique of Raman spectroscopy: time-resolved Raman
Karel Šec
- 10:00 Determination of the animal origin of heat-treated bones using proteomic analysis
Katarína Bjalončíková, Štěpánka Kučková, Alena Meledina
- 10:30 Discussion, exhibition and coffee break
- 11:15 3D tištěné palné zbraně – Sci-Fi v reálném světě
Lukáš Petera
- 11:45 Počátky AI v Kriminalistickém ústavu
Bohumil Planka
- 12:15 Praktické aspekty AI ve forenzní praxi kriminalistické kybernetiky
Kryštof Nosil
- 12:45 AI in Forensics: Challenges and Opportunities
Radim Burget
- 13:15 Lunch break, exhibition
- 14:15 Final discussion and closing