

New Technologies in Forensic Medicine

CONFERENCE PROGRAMME

June 5, 2013

4.00-7.00 p.m. Registration

7.00-8.00 p.m. Get-together

June 6, 2013

8.00-9.00 a.m. Registration

9.00-9.30 a.m. Official opening of the Conference

Plenary Session I

moderated by Patrice Mangin and Nermin Sarajlić

9.30 a.m. *Keynote lecture: Postmortem imaging – An important step to the objectified knowledge of forensic findings and expert opinion. The autopsy protocol in the mirror of history*
R. Dirnhofer (Bern, Switzerland)

10.00 a.m. *Keynote lecture: Technical Working Group Postmortem Angiography Methods: Development of multi-phase postmortem CT-angiography and creation of an international network*
S. Grabherr, J. Grimm, A. Rinaldi, J. Vanhaebost, R. Dirnhofer, P. Mangin (Lausanne, Switzerland)

10.30 a.m. *Post-mortem CT-angiography of the brain and craniocervical junction*
P. Flach, G. Ampanozi, L. Ebert, T. Ruder, W. Schweitzer, N. Berger, M. Thali, S. Ross (Zurich, Switzerland)

10.45 a.m. *Complications of heart surgery in PMCT and PMCT-angiography*
B. Vogel, A. Heinemann, H. Gulbins, H. Reichenspurner, K. Püschel, H. Vogel (Hamburg, Germany)

11.00-11.30 a.m. Coffee break

Plenary Session II

moderated by Silke Grabherr and Jozef Šidlo

- 11.30 a.m. *Complications after transvascular interventions in the heart in PMCT and in PMCT-angiography*
H. Vogel, A. Heinemann, H. Gulbins, H. Reichenspurner, K. Püschel, B. Vogel (Hamburg, Germany)
- 11.45 a.m. *An unusual homicidal stab wound of the cervical spinal cord: a single case examined by post mortem angio computed tomography*
F. Dedouit, F. Savall, F. Z. Mokrane, M. D. Piercecchi, G. Leonetti, H. Rousseau, D. Rouge, N. Telmon (Toulouse / Marseille, France)
- 12.00 p.m. *Application of MPMCTA to investigating vascular pathology and modified vascular anatomy: A special case of "vascular patchwork"*
S. Sabatasso, F. Doenz, A. Bass, K. Michaud, P. Mangin, S. Grabherr (Lausanne, Switzerland)
- 12.15 p.m. *A tool for computer-assisted virtual autopsy using surgical navigation techniques*
L. C. Ebert, T. D. Ruder, F. Kluschke, P. Flach, M. J. Thali, G. Ampanozi (Zurich / Bern, Switzerland)
- 12.30 p.m. *The forensic radiographer: a profession with international training and acceptance*
A. Rinaldi, A. Dominguez, C. Chevallier, J. Grimm, P. Mangin, S. Grabherr (Lausanne, Switzerland)
- 12.45 p.m. *Accuracy of computed tomography in anthropometric analysis of human skull and its application in superimposition test*
D. Lorkiewicz-Muszyńska, A. Przysłańska, W. Kociemba, C. Żaba, T. Kulczyk, M. Glapiński, W. Paprzycki (Poznań, Poland)
- 1.00 p.m. *Post mortem 3D CT: military application*
M. Arcieri (Italy)

1.15-2.15 p.m. Lunch break

2.15-3.00 p.m. Guided poster tour
moderated by Małgorzata Kłys and Armin Alibegović

7.00-11.00 p.m. Gala Dinner at Wieliczka Salt Mine

June 7, 2013

Plenary Session III

moderated by Pekka Saukko and Krzysztof Woźniak

- 9.00 a.m. *Keynote lecture: The role of forensic medicine in the investigation and documentation of torture and ill-treatment*
D. N. Vieira (Coimbra, Portugal)
- 10.00 a.m. *Keynote lecture: The role of forensic anthropology in the process of identification of unknown human remains*
E. E. Klonowski (Reykjavik, Iceland)
- 10.45 a.m. *Method of age estimation of adults from lumbar vertebrae*
N. Sarajlić, E. E. Klonowski (Sarajevo, Bosnia and Herzegovina)
- 11.00 a.m. *Identification of burned human remains*
M. Masic, I. Furac, M. K. Vlahovic, M. Kubat, D. Strinovic (Zagreb, Croatia)

11.15-11.45 a.m. Coffee break

Plenary Session IV

moderated by Duarte Nuno Vieira and Beata Havasi

- 11.45 a.m. *Explosive wounds caused by bombs, hand grenades and mines – specific differential diagnostics*
M. Marcikić, E. Matuzalem Marinović, B. Dumenčić (Osijek, Croatia)
- 12.00 p.m. *CVA or CLSM for estimation of PMI?*
A. Alibegović (Ljubljana, Slovenia)
- 12.15 p.m. *Intramuscular hemorrhages in back muscles in agonic death*
J. Vanhaebost, P. Mangin (Lausanne, Switzerland / Brussels, Belgium)
- 12.30 p.m. *Post-mortem contusions due to forensic examining of mechanical excitability of the muscles – a case report*
F. Bolechała, A. Moskała, E. Rzepecka-Woźniak, K. Woźniak (Kraków, Poland)
- 12.45 p.m. *New reference tables for predicted heart weight*
J. Vanhaebost, M. Faouzi, P. Mangin, K. Michaud (Lausanne, Switzerland / Brussels, Belgium)

- 1.00 p.m. *Early markers of myocardial ischemia relevant to forensic pathology: a novel gene expression analysis system complementary to immunohistochemistry*
S. Sabatasso, T. Fracasso, P. Mangin (Lausanne, Switzerland)

1.15-2.15 p.m. Lunch break

Plenary Session V

moderated by Jarosław Berent and Mladen Marcikić

- 2.15 p.m. *Frequency of classic and stimulant-type designer drugs among suspected drug users in Csongrád Country (Hungary) in 2012*
L. Institóris, Z. Árok, K. Seprényi, T. Varga, É. Kereszty
(Szeged, Hungary)
- 2.30 p.m. *Preliminary results of post-mortem measurements of 3-beta-hydroxybutyrate in liver homogenates*
C. Palmiere, P. Mangin, D. Werner (Lausanne, Switzerland)
- 2.45 p.m. *A case of suicidal insulin overdose – significance of directed toxicological and histopathological studies for medico-legal opinion*
R. Skowronek, J. Nowicka, E. Czech, M. Chowaniec, K. Rygol
(Katowice, Poland)
- 3.00 p.m. *A revision of mistaken interpretation of expert report in a case of acute radiation syndrome in affected workers after an industrial accident*
R. T. Hadjiev, M. M. Grozeva, A. T. Gegova, T. Shishkova
(Sofia, Bulgaria)

June 8, 2013

Plenary Session VI and panel discussion

moderated by Filip Bolechała and Artur Moskała

- 9.00 a.m. *Riot Control Agents, is it safe and is it legal in contemporary cases, such as in Tahrir square or Occupy Wall Street demonstrations*
S.Toprak (Zonguldak, Turkey)
- 9.15 a.m. *A lectio magistralis in police department: the serial killer – to be or not to be?*
M. Arcieri, L. Bortolaso, L. Balint (Italy)

9.30 a.m. *Co-morbidity with sexual assault: a case report*
B. Meel (Mthatha, South Africa)

9.45 a.m. *Palm of hands, a new clinical sign during medico-legal evaluation of fatal flame burn injuries*
M. Barzan (Slemania, Iraq)

10.00 a.m. *Honor crimes*
A. Hamuod (Baghdad, Iraq)

10.15 a.m. *To die together*
A. Zummerová, J. Šidlo, R. Kuruc, J. Šikuta, D. Hojsík
(Bratislava, Slovakia)

10.30 a.m.-12.00 p.m. Discussion on the development prospects of forensic medicine

Suggested problems:

1. Public awareness of the forensic pathologist / medical examiner profession.
2. The place and importance of teaching forensic medicine in the system of medical education.
3. Capabilities and limitations of financing development in the field of forensic medicine.
4. Opportunities of introducing new research methods and their acceptance by representatives of legal sciences.
5. Perspectives of international cooperation in the field of forensic medicine in reference to modern technical capabilities.

12.00 p.m. Closing Ceremony