



**6 May 2024**

**18:00 – 20:00 Welcome reception / registration.**

**7 May 2024**

**Session 1**

**9:00 – 9:15 Opening Ceremony**

**9:15 – 9:45 GIL BROGDON HONORARY LECTURE: ADVANCED IMAGING IN HERITAGE STUDIES**

**Łojewski Tomasz, Seweryn Anna**

**9:45 – 10:30 O1-1 RADIOLOGICAL DVI - EMBRACING THE AI ERA**

**Krispin Alon, Soudack - Ben Nun Michalle**

**10:30 – 11:00 Coffee break**

**Session 2**

**11:00 – 11:20 O2-1 GLOBAL OVERVIEW OF THE UTILIZATION OF POSTMORTEM IMAGING IN MEDICOLEGAL CASEWORK**

**de Heus Gisela, van Langen Kiki C., Latten Bartholomeus G.H., Decker Summer, Dedouit Frabice, Hyodoh Hideki, O'Donnell Chris, Ruder Thomas D., Ruddy Guy, Thali Michael J., Woźniak Krzysztof J., van Rijn Rick R.**

**11:20 – 11:30 O2-2 POST MORTEM COMPUTED TOMOGRAPHY (PMCT) SERVICE STRUCTURES IN THE UNITED KINGDOM FOR THE INVESTIGATION OF NON-SUSPICIOUS DEATHS**

**Davendralingam Natasha, Rahimi Salman**

**11:30 – 11:40 O2-3 A VIRTUAL MODEL FOR VIRTUAL AUTOPSY EDUCATION IN THE UNITED STATES**

**Elifritz Jamie**



Krakow, Poland

**11:40 – 11:50 O2-4 THE CURRENT STATE OF USING POST-MORTEM COMPUTED TOMOGRAPHY FOR PERSONAL IDENTIFICATION BEYOND FORENSIC ODONTOLOGY – A LITERATURE REVIEW**  
**Prokopowicz Victoria, Borowska-Solonynko Aleksandra**

**11:50 – 12:00 O2-5 DETERMINING DECEDENT STATURE FROM PMCT IMAGES IN THE NEW MEXICO DECEDENT IMAGE DATABASE (NMDID)**  
**Adolphi Natalie, Edgar Heather, Haber Kethery, Kamnikar Kelly, Appel Nicollette, Rangel Esteban**

**12:10 – 12:20 O2-6 GOT YOU BY YOUR COLLAR (BONE)**  
**Decker Summer, Rutty Guy, Ford Jonathan**

**12:20 – 12:30 O2-8 CLAVICLE BONE RADIOMICS FOR AGE ESTIMATION IN FORENSIC MEDICINE**  
**Leventis Dimitrios, Venâncio Joana, Pesman Blanca W., Torres Peña Paula N., Spanakis Konstantinos, Flouri Despoina E., Kranioti Elena F., Karantanas Apostolos, Klontzas Michail E.**

**12:30 – 12:40 O2-9 IMAGING SIGNS OF EXPOSURE TO AGENTS OF BIOTERRORISM AND BIOLOGICAL WARFARE**  
**Solomon Nadia, Deptula Lisa, Calle Francisco, Aswani Yashant, Donato Angel, Sailer Anne, Lino Pedro, Chammas Maria Cristina, Revzin Margarita**

**12:40 – 12:50 O2-10 CAUSE OF DEATH...OR AN EFFECT? DISTINGUISHING POSTMORTEM CHANGES FROM PATHOLOGY ON POSTMORTEM CT**  
**Solomon Nadia, Elifritz Jamie, Adolphi Natalie, McCalla Aliah, Sanchez Harold, Sailer Anne, Kroll Jeroen, Daly Barry, Gascho Dominic, Thali Michael, Vermillion Billy, Thorn Stephanie, Revzin Margarita, Sinusas Albert**

**12:50 – 13:00 O2-11 VIRTUAL AUTOPSY IN INDIA: CURRENT STATUS AND FUTURE SCOPE**  
**Parmar Pragnesh**

**13:00 – 14:30 Lunch break**



Krakow, Poland

## **14:30 – 15:10 Working Groups**

### **Session 3**

#### **15:10 – 15:20 O3-1 INTRACRANIAL NEEDLE INSERTION INTO AN INFANT BRAIN: A CASE REPORT REVEALING AN UNPRECEDENTED COMPUTED TOMOGRAPHY DISCOVERY**

**Verster Janette, Ampanozi Garyfalia, Thali Michael, Goussard Pierre, Davis Razaan, Schweizer Wolf**

#### **15:20 – 15:30 O3-2 POSTMORTEM COMPUTED TOMOGRAPHY EVALUATION OF TRAUMA-INDUCED SUBDURAL HAEMATOMAS**

**Marosi Maria, Papp Tamás, Gergely Péter, Berényi Ervin**

#### **15:30 – 15:40 O3-3 THE PATTERN CLASSIFICATION OF CEREBRAL BLOOD VESSELS OF DONATED CADAVERS USING DIGITAL SUBTRACTION ANGIOGRAPHY**

**Yamamoto Tomoaki, Takano Yuka, Fukami Mitsuha, Matsutomo Norikazu**

#### **15:40 – 15:50 O3-4 PNEUMOTHORAX - STANDARD OR ANOMALY IN CASES WITH EXTENSIVE HEAD INJURIES?**

**Borowska-Solonyanko Aleksandra, Samojłowicz Dorota**

#### **15:50 – 16:00 O3-5 POSTMORTEM CORONARY COMPUTED TOMOGRAPHIC ANGIOGRAPHY: EXPLORING CARDIOVASCULAR DISEASE THROUGH CAUSE-OF-DEATH INVESTIGATION**

**Solomon Nadia, Vermillion Billy, Sanchez Harold, Hoerner Matthew, Staib Lawrence, Gosangi Babina, Thorn Stephanie, Sinusas Albert**

#### **16:00 – 16:10 O3-6 ASSESSMENT OF THE OCCIPITO-CERVICAL JUNCTION: NORMAL ALIGNMENT MEASUREMENTS ON PMCT IN ADULTS**

**Yoshida Maiko, Vincent Cathy, O'Donnell Chris**

#### **16:10 – 16:20 O3-7 ASSESSMENT OF THE OCCIPITO-CERVICAL JUNCTION: NORMAL ALIGNMENT MEASUREMENTS ON PMCT IN CHILDREN**



Krakow, Poland

**Yoshida Maiko, Vincent Cathy, O'Donnell Chris**

**16:20 – 16:40 O3-8 CONCRETE EVIDENCE: THE USE OF EXTENDED HOUNSFIELD UNIT (HU) POST-MORTEM COMPUTED TOMOGRAPHY (PMCT) IN THE RECOVERY OF CONCRETE-ENCASED REMAINS**

**Adolphi Natalie L., Edgar Heather H.J., Haber Kethery**

**8 May 2024**

**Session 4**

**9:00 – 9:20 O4-1 FORENSIC RADIOLOGY IN THE LIVING: IMAGING OF ABUSE AND NEGLECT**

**Ruder Thomas**

**9:30 – 9:50 O4-2 WHEN CLINICAL IMAGING HELPS THE FORENSIC DOCTOR, ABOUT SOME INTERESTING CASES**

**Dedouit Fabrice, Bascou Agathe, Ramirez Anthony, Toutin Ryan, Turkiewicz Manuelo, SAVALL Frederic, MOKRANE Fatima Zohra, Telmon Norbeert**

**9:50 – 10:00 O4-3 A PICTORIAL CASE SERIES OF COMMON CAUSES OF DEATH SEEN IN NATURAL/NON-SUSPICIOUS DEATH INVESTIGATIONS BY POST MORTEM COMPUTED TOMOGRAPHY (PMCT)**

**Davendralingam Natasha**

**10:00 – 10:10 O4-4 EXPLAINING LIFE AFTER DEATH: MANIFESTATIONS OF CHRONIC MEDICAL CONDITIONS ON NONENHANCED POSTMORTEM CT**

**Solomon Nadia, McCalla Aliah, Elifritz Jamie, Adolphi Natalie, Sanchez Harold, Sailer Anne, Gosangi Babina, Kroll Jeroen, Daly Barry, Gascho Dominic, Thali Michael, Vermillion Billy, Thorn Stephanie, Sinusas Albert, Revzin Margarita**



Krakow, Poland

**10:10 – 10:20 O4-5 A CORRELATIONAL STUDY BETWEEN INVASIVE AUTOPSY AND POST MORTEM COMPUTED TOMOGRAPHY (PMCT) FINDINGS IN CASES OF UNASCERTAINED CAUSE OF DEATH ON PMCT AT A SINGLE MEDICAL FACILITY**

**Davendralingam Natasha**

**10:20 – 10:30 O4-6 POSTMORTEM COMPUTED TOMOGRAPHY OF COVID-POSITIVE HOSPITAL DECEDENTS: COMPLIMENTARY ROLES FOR ANTEMORTEM AND POSTMORTEM IMAGING AND AUTOPSY**

**Solomon Nadia, Sasse Alexander, Vermillion Billy, Sanchez Harold, Masters Amanda, Staib Lawrence, Gosangi Babina, Hoerner Matthew, Israel Gary, Well David, Jang Sun-Joo, Alashi Alaa, Thorn Stephanie, Sinusas Albert**

**10:30 – 11:00 Coffee break**

**TWGPAM Session**

**11:00 – 12:30 TWGPAM Session (tba)**

**Session 5**

**12:30 – 12:40 O5-1 VIRTOPSY CONCEPT AROUND THE WORLD: INSTITUTE-BASED SURVEY OF WORLDWIDE FORENSIC POSTMORTEM IMAGING**

**Khmara Natalia**

**12:40 – 12:50 O5-2 A PARADIGM SHIFT IN THE INTERPRETATION OF POSTERIOR RIB FRACTURES IN CHILDREN?**

**Fronczek Judith, Parsons Sarah, Rao Padma, O'Donnell Chris**

**12:50 – 13:00 O5-2 ABDOMINAL BLEEDING DUE TO CPR: PMCTA WITH AUTOPSY CORRELATION**

**O'Donnell Chris**

**13:00 – 14:30 Lunch break**



Krakow, Poland

**14:30 – 14:40 O5-4 DEATH BY FEMORAL ARTERY: PMCT FINDINGS**  
**O'Donnell Chris**

**14:40 – 14:50 O5-5 CT IMAGING OF A CASE INVOLVING THERMAL AND SHARP TRAUMA**  
**Christensen Angi, O'Reilly Kera**

**14:50 – 15:00 O5-6 DEATH DUE TO ACUPUNCTURE – A CASE REPORT COMPARING POST-MORTEM COMPUTED TOMOGRAPHY WITH AUTOPSY FINDINGS**  
**Remmer Sünne, Mölder Maarja, Viitso Ann, Kruglov Aivo**

**15:00 – 15:10 O5-7 WHERE THE GRAPE HOE'S GO? USING PMCT SCANNING AS THE BEST TOOL TO LOOKING FOR CAUSE OF DEATH, INDONESIAN CASE**  
**Untoro Evi**

**15:10 – 15:20 O5-8 THE CAUSE OF DEATH WAS DETERMINED THROUGH A POST-MORTEM CT SCAN IN A FATAL CASE FOLLOWING CATHETER ABLATION**  
**Watari Jun, Furukawa Kazuhiro, Yamada Masatoshi, Suzuki Toshihiko**

**Poster Session**

**15:20 – 15:40 Poster Session:**

**P-1 LEGAL REQUIREMENTS FOR RESEARCH IN FRANCE**  
**Turkiewicz Manuelo, Estrade Quentin, Ducloyer Mathilde, Dedouit Fabrice**

**P-2 ASSESSMENT OF BRONCHIECTASIS ON PMCT**  
**Vincent Catherine, O'Donnell Chris**

**P-3 POST-MORTEM LODOX AS A POTENTIAL SUBSTITUTE FOR HISTOLOGIC DIAGNOSIS OF PNEUMONIA IN SUDDEN INFANT DEATH INVESTIGATION**  
**Cook Tracy, Taylor Laura**

**P-4 FLARING UP THE MESENTERY: APPLYING THE LODOX EXERO-DR® STATSCAN FOR EXPEDITED POSTMORTEM ANGIOGRAPHY**  
**Smith Zandr , de Bruin Elrinda, Mentoor Ilze, Verster Janette**



Krakow, Poland

**P-5 DELINEATION ABILITY OF ONE-SCAN FUSED CT WITH DEEP LEARNING IMAGING RECONSTRUCTION (DLIR) TO VISUALIZE DISEASES OF CEREBRAL ARTERY AND PARENCHYMA**

**Yoshida Masahiro, Kobayashi Tomoya, Shiotani Seiji, Kaga Kazunori, Saitou Hajime, Tashiro Kazuya, Someya Satoka, Yamamori Moyu, Kuramochi Riho, Miyamoto Katsumi, Hayakawa Hideyuki, Atake Shigeru**

**P-6 EVALUATING IVIM DIFFUSION METRICS WITHOUT PERFUSION IN POSTMORTEM BRAIN**

**Kojima Masatoshi, Makino Yohsuke, Inokuchi Go, Motomura Ayumi, Torimitsu Suguru, Hoshioka Yumi, Tsuneya Shigeki, Yajima Daisuke, Yoshida Maiko, Kubota Himeko, Iwase Hirotarou**

**P-7 FATAL COMPLICATION OF FETOSCOPIC ENDOTRACHEAL OCCLUSION (FETO) - COULD POSTMORTEM COMPUTED TOMOGRAPHY (PMCT) BE HELPFUL?**

**Skowronek Rafał, Zamłyński Jacek, Borowska-Solonynko Aleksandra**

**P-8 UNUSUAL BRAINSTEM COMPLETE DISRUPTION AND DISLOCATION CAUSED BY THE FRACTURE OF THE UPPER THORACIC SPINAL COLUMN**

**Matejuk Szymon, Nudga Adriana, Truszkowski Christopher, Lamb Basia-Syska, Fitz Emilia, Wozniak Krzysztof**

**15:45 ISFRI General Assembly**

**18:30 – 23:00 Gala Dinner**



Krakow, Poland

**9 May 2024**

**Session 6**

**9:00 – 9:30 HONORARY LECTURE (pre-recorded presentations): POLISH CONTRIBUTION TO WORLD RADIOLOGY / RADIOLOGY IN THE FOOTSTEPS OF THE PAST – THE MYSTERY OF THE DEATH OF GENERAL WŁADYSŁAW SIKORSKI**

**Urbanik Andrzej**

**9:30 – 9:50 O6-1 MOBILE FORENSIC PHOTOGRAMMETRY IN THE FIELD: ADDRESSING NON-COLLABORATIVE SURFACES**

**Schweitzer Wolf, Fukuda Haruki, Ebert Lars**

**9:50 – 10:00 O6-2 UTILIZATION OF 3D SURFACE SCANNING IN CRIME SCENE INVESTIGATION AND FORENSIC MEDICINE – COMPARATIVE ANALYSIS OF VARIOUS TECHNOLOGIES AND THEIR BENEFITS**

**Kolev Yanko**

**10:00 – 10:10 O6-3 BEYOND DECAY: ADVANCING PMCT FOR ACCURATE BONE MINERAL DENSITY ANALYSIS IN THE DECEASED**

**Hansen Kasper, Vinther Dennis, Boel Lene WT, Ağacan Gülistam, Thygesen Jesper, Uhrenholt Lars, Lauridsen Henrik**

**10:10 – 10:20 O6-4 IMPROVING PMCT ANGIOGRAPHY VISUALIZATION IN FORENSIC IMAGING - BRUTE FORCE METHODS**

**Schweitzer Wolf, Thali Michael, Ebert Lars, Aldomar Eloisa**

**10:20 – 10:30 O6-5 APPLYING DUAL ENERGY POST-PROCESSING TO POSTMORTEM CORONARY COMPUTED TOMOGRAPHIC ANGIOGRAPHY: A FEASIBILITY STUDY**

**Solomon Nadia, Vermillion Billy, Jang Sun-Joo, Sanchez Harold, Hoerner Matthew, Gosangi Babina, Thorn Stephanie, Liu Chi, Sinusas Albert**





Krakow, Poland

**10:30 – 11:00 Coffee break**

**Session 7**

**11:00 – 11:10 O7-1 POSTMORTEM ENHANCED CT USING CT GUIDED DIRECT PUNCTURE**

**Hyodoh Hideki, Shimbashi Shogo, Yoshimiya Motoo**

**11:10 – 11:20 O7-2 PHOTON COUNTING CT IN FORENSIC RADIOLOGY; FIRST EXPERIENCE**

**Crombag Genevieve, Peters Nicky, Nobel Martijn, Wildberger Joachim, Postma Alida**

**11:20 – 11:30 O7-3 INITIAL EXPERIENCE OF PHOTON-COUNTING DETECTOR CT IN FORENSIC MEDICINE**

**Makino Yohsuke, Kojima Masatoshi, Inokuchi Go, Yoshida Maiko, Chiba Fumiko, Tsuneya Shigeki, Hoshioka Yumi, Kubota Himeko, Uemura Yukiko, Tweatsani Numfon, Kudo Masatoshi, Teramoto Fuyuhiko, Yokoi Kazuma, Kojima Shinichi, Watanabe Fumito, Iwase Hirotarō**

**11:30 – 11:40 O7-4 CHARACTERIZATION OF BULLETS BY PHOTON-COUNTING CT: A PHANTOM-BASED STUDY**

**Hardy Joey, Crombag Geneviève, Peters Nicky, Flohr Thomas, Hermsen Rob, Willigers Jef, Latten Bartholomeus, Wildberger Joachim, Nobel Martijn, Jacobi-Postma Linda**

**11:40 – 11:50 O7-5 HIP-CT IMAGING OF THE HUMAN COLON; NOVEL INSIGHTS IN THE ENS**

**Docter Daniel, Gorter Ramon, Hanemaaijer- van der Veer Jermo, Hagoort Jaco, Cleypool Cindy, de Bakker Bernadette**

**11:50 – 12:00 O7-6 HIP-CT SYNCHROTRON IMAGING: A NEW GOLD STANDARD IN ANATOMY?**

**De Bakker Bernadette, Hanemaaijer-van der Veer Jermo, Docter Daniel, Dawood Yousif, Hagoort Jaco, Lobe Nick**



Krakow, Poland

**12:00 – 12:10 O7-7 THE ADDED VALUE OF POST-MORTEM MRI IN FORENSIC IMAGING: FILLING IN THE MISSING PIECES – A CASE SERIES OF FIVE STABBING INCIDENTS**

**Van de Voorde Paulien, Gregoire Cédrique, Crombag Geneviève, Nobel Martijn, Peters Nicky**

**12:10 – 12:20 O7-8 SCOPING REVIEW REGARDING THE EVIDENCE OF THE USE OF MAGNETIC RESONANCE IMAGING IN THE ADULT, FORENSIC SETTING**

**Gregoire Cédrique, Crombag Geneviève, Peters Nicky, Nobel Martijn, Jacobi-Postma Linda**

**12:20 – 12:30 O7-9 FORENSIC INDIVIDUAL IDENTIFICATION AND WEAPON ESTIMATION IN UNLAWFUL CAT KILLING USING MICRO-CT AND 3D PRINTING**

**Kihara Yuko, Chiba Fumiko, Kojima Masatoshi, Okada Hiroyuki, Tanaka Aki, Hayama Shin-ichi, Torimitsu Suguru, Iwase Hirotarō, Makino Yohsuke**

**12:30 – 12:40 O7-10 OBJECTIVE EVALUATION OF CHANGES IN SERUM TRANSMITTANCE OVER TIME IN VITRO**

**Shimbashi Shogo, Yoshimiya Moto, Hyodoh Hideki**

**12:40 – 12:50 O7-12 SPECTRUM OF FORENSIC CASES USING CONVENTIONAL RADIOLOGY FOR POSTMORTEM IMAGING – EXPERIENCE OF A TERTIARY CARE MEDICAL INSTITUTION**

**Patil Amit**

**12:50 – 13:00 O7-13 UTILITY OF POSTMORTEM COMPUTED TOMOGRAPHY (PMCT) IN THE DIAGNOSIS OF CORONARY AND CEREBRAL ARTERIAL AIR EMBOLISM:-A PILOT STUDY**

**Chauhan Aditya Pratap Singh, Chandran Varun, Gupta Sudhir, S Abhilash**

**13:00 – 13:30 ISFRI Board Closing ceremony**

***PMCT Image Interpretation / Forensic Radiology***

**Non-Invasive Autopsy Reports**

- Primary CT image reads with findings report

**Audit Services**

- Quality Assurance (CT image reads)
- Modality and Mortality Conferences

**Consulting Services**

- Non-primary reads

**Consulting Projects**

- Education package
- Review systems (CT image review training)

**Skeletal Surveys**

**Identifications**

***PMCT Implementation Support***

**PMCT Guidelines**

- Review and write comments to C/ME offices' own guidelines
- Review and re-write C/ME offices own guidelines
- Develop FRG (generic) guidelines to be shared with interested C/ME offices

**PMCT Implementation**

- Assist C/ME offices in the implementation of PMCT Guidelines.

***PMCT Education Initiatives***

**Courses and Webinars**

- Postmortem Computed Tomography
- Postmortem Radiography

For more information on FRG and its offerings, please contact:

Jeff M. Jackson – E: [jmj@forensicradiologygroup.com](mailto:jmj@forensicradiologygroup.com) / M: 864-844-5549

Christian B. Chahine – E: [christian@forensicradiologygroup.com](mailto:christian@forensicradiologygroup.com) / M: 949-500-6298