



The 26th International Meeting on Forensic Medicine
Alpe – Adria – Pannonia
30 May – 2 June 2018
Pula, Croatia

FINAL PROGRAMME

Wednesday, 30 May – Meeting Room Ulika

From 12:00	REGISTRATION
14:00 – 16:30	WORKSHOP 1 Roger Byard – RESEARCH FOCUS IN FORENSIC MEDICINE AND HOW TO GET THIS PUBLISHED <i>(Includes Coffee break)</i>
17:00 – 19:30	WORKSHOP 2 José Pablo Baraybar do Carmo – FORENSIC MEDICINE FACES MIGRATION <i>(Includes Coffee break)</i>
20:00	WELCOME COCKTAIL

Thursday, 31 May – Meeting Room Ulika

09:00	OPENING CEREMONY		
09:40	Invited Lecture Jose Pablo Baraybar do Carmo	Forensic Coordinator in International Committee of the Red Cross (ICRC)	MISSING MIGRANTS, UNIDENTIFIED BODIES: INNOVATIVE APPROACHES AND THE WAY FORWARD
10:30 – 11:00	COFFEE BREAK		
11:00	Invited Lecture Davor Strinović	Member of the European Committee for the Prevention of Torture and Inhuman or Degrading Treatment or Punishment (CPT) with the Council of Europe (COE)	IMPORTANCE OF FORENSIC SPECIALIST OPINION IN CPT VISITS
11:30	Invited Lecture Pero Bubalo	Institute of Forensic Medicine and Criminalistics, School of Medicine, University of Zagreb	FORENSIC ANTHROPOLOGY – CROATIAN EXPERIENCE
SS 1	Chairs: Jose Pablo Baraybar do Carmo, Davor Strinović, Vedrana Petrovečki, Davor Mayer		
12:00	1.	DAKSA - EXHUMATION AND IDENTIFICATION OF THE WORLD WAR II MASS GRAVE Igor Boric, Davorka Sutlovic, Velibor Puzovic (Croatia)	
12:10	2.	THE FRAME OF THE FORENSIC APPROACH TO THE ISSUE OF THE MISSING Suzana Matejić, Milena Šaranović, Vesna Bošković, Ljiljana Krstić, Veljko Odalović (Serbia)	
12:20	3.	SOLVING COLD CASES WITH OLD METHODS: IDENTIFICATION OF THREE GERMAN SOLDIERS KILLED IN 1944 Jean-Loup Gassend, Lionel Alberti (Switzerland)	

12:30	4.	GENETIC IDENTIFICATION OF HUMAN REMAINS: A TEN-YEAR EXPERIENCE Lara Consoloni, Alessandro Manfredi, Fabio Bassan, Carlo Scorretti, Solange Sorçaburu Ciglieri, Paolo Fattorini (Italy)
12:40	5.	POSSIBILITIES FOR THE USE OF DERMATOGLYPHICS METHOD WITH THE AIM OF DETERMINING THE REGIONAL BELONGING OF UKRAINIANS Valery Gunas, Anatolii Perebetiuk (Ukraine)
12:50	6.	KORIĆAN'S CLIFFS: BETWEEN PRIMARY AND SECONDARY MASS GRAVE Anes Jogunčić, Nermin Sarajlić, Adis Salihbegović, Emina Spahić (Bosnia and Herzegovina)
13:00	7.	HISTOLOGICAL DIAGNOSIS OF BECHTEREW'S DISEASE ON EXHUMATED REMAIN: A CASE REPORT Emina Spahić, Nermin Sarajlić, Mirsad Dorić, Adis Salihbegović, Anes Jogunčić (Bosnia and Herzegovina)

13:30 – 15:00	LUNCH BREAK
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SS 2	Chairs: Biljana Janeska, Eva Margit Kereszty, Josef Šidlo	
15:00	8.	PSYCHOACTIVE SUBSTANCES: TRENDS, CHALLENGES AND SUGGESTIONS FOR PREVENTION Eleonora Jurolaic, Dalius Banionis, Sigita Chmieliauskas, Sigita Laima, Jurgita Stasiuniene (Lithuania)
15:10	9.	BETA-HYDROXYBUTYRATE ANALYSIS CAN CLARIFY SOME COLD CASES? Eduard Kralj, Andrea Grof, Gordana Koželj, Alenka Sešek-Briški, Jože Balazic (Slovenia)
15:20	10.	DETERMINATION OF SYNTHETIC CANNABINOID RECEPTOR AGONISTS BY SFC-MS/MS Mátyás Mayer, Mónika Kuzma, Ágnes Lakatos, Anikó Lajtai, Zsolt Kozma (Hungary)
15:30	11.	SUDDEN DEATH AFTER DESIGNER DRUG (N-ETHYL-HEXEDRONE) CONSUMPTION Katalin Kovács, László Tiszlavitz, Éva Sija, Róbert Berkecz, Tibor Varga, Éva Kereszty, László Institoris (Hungary)
15:40	12.	UNUSUAL CASE OF INTOXICATION WITH MONOSAN Marija Bujaroska, Zorica Stojcheska, Natasha Bitoljanu, Goran Pavlovski, Arifon Rakipi, Verica Poposka, Biljana Janeska, Zdravko Chakar (Macedonia)
15:50	13.	NEW PSYCHOACTIVE STIMULANTS IN TOXICOLOGICAL CASES (SOUTH-WEST HUNGARY) Ágnes Lakatos, Mátyás Mayer, Mónika Kuzma, Attila Miseta, Anikó Lajtai (Hungary)
16:00 – 16:15	COFFEE BREAK	
16:15	14.	VITREOUS HUMOR ALCOHOL – OUR EXPERIENCE Marina Nestić, Tajana Mraović (Croatia)
16:25	15.	DESIGNER DRUG ASSOCIATED DEATHS IN BARANYA COUNTY, HUNGARY Gábor Simon, Zsolt Kozma, Mónika Kuzma, Mátyás Mayer (Hungary)
16:35	16.	CASE REPORT: ACUTE DEATH DUE TO ETHANOL, MEDICATION AND DRUGS INTERACTION

		Dalius Banionis , Dovilė Ramanauskaitė, Eleonora Jurolaic, Sigita Laima, Sigita Chmieliauskas, Dmitrij Fomin, Jurgita Stasiunienė (Lithuania)
16:45	17.	LETHAL INTOXICATIONS WITH PRESCRIPTION PSYCHOACTIVE DRUGS Jozef Šidlo , Ján Šikuta, Eubomír Mikuláš, Peter Očko (Slovakia)
16:55	18.	DETECTIONS AND METABOLISM OF THREE SYNTHETIC CANNABINOIDS Éva Sija , Róbert Berkecz, László Institoris, Tímea Körmöczi, Tamás Janáky, Éva Kereszty (Hungary)
17:05	19.	INERT GASES SUICIDE: THE UNCATCHABLES?! Petar Škavić , Anita Galić, Marina Nestić, Tajana Mraović (Croatia)

17:30	SASTANAK Hrvatskog društva sudskih medicinara i toksikologa (HDSMT) MEETING of Croatian Society of Forensic Medicine and Toxicology (for members only)	
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Friday, 1 June – Meeting Room Ulika

09:00	Davor Božinović	Minister of Interior of Croatia	
09:10	Invited Lecture Eva Keller	Member of the Executive Board of European Council of Legal Medicine; Professor and director Semmelweis University Department of Forensic and Insurance Medicine, Hungary	TEACHING FORENSIC MEDICINE
09:40	Invited Lecture Vedrana Petrovečki	Institute of Forensic Medicine and Criminalistics, School of Medicine, University of Zagreb	AUTOPSY IMPORTANCE IN FORENSIC MEDICINE
10:10	Invited Lecture Roger Byard	George Richard Marks Chair of Pathology at The University of Adelaide; Senior Specialist Forensic Pathologist at Forensic Science SA in Adelaide, Australia	PREVENTIVE PATHOLOGY
10:30	20.	VIOLENT DEATHS IN CHILDHOOD IN ZAGREB, CROATIA – POINT OF PREVENTION Martina Tkalčić, Pero Bubalo, Petar Škavić, Anton Mažuranić (Croatia)	
10:40	21.	CURRENT STATE OF CLINICAL FORENSIC MEDICINE IN CROATIA Anita Galić, Marija Baković, Vedrana Petrovečki, Martina Tkalčić (Croatia)	
10:50 – 11:15		COFFEE BREAK	
11:15	Invited Lecture Roger Byard	George Richard Marks Chair of Pathology at The University of Adelaide; Senior Specialist Forensic Pathologist at Forensic Science SA in Adelaide, Australia	BUSHRANGERS, CONVICTS AND SORCERY – FORENSIC TALES FROM AUSTRALIA

SS 3	Chairs: Eva Keller, Roger Byard, Jože Balažic	
11:35	22.	FORENSIC INVESTIGATION AND ASSESSMENT OF ALLEGED TORTURE – A CHALLENGE IN CLINICAL FORENSIC MEDICINE Isabella Klasinc, Kathrin Ogris, Peter Grabuschnigg (Austria)
11:45	23.	ACUPUNCTURE INDUCED HAEMATOPNEUMOTHORAX – CASE REPORT Aleksandar Stankov, Biljana Janeska, Verica Poposka, Renata Jankova-Ajanovska, Zlatko Jakjovski, Natasha Bitoljanu, Ana Ivceva, Zdravko Cakar (Macedonia)
11:55	24.	FORENSIC MEDICINE IN CRIMES AGAINST THE PHYSICAL AND SEXUAL INTEGRITY OF PEOPLE Ljupcho Chakar, Verica Poposka, Natasha Davcheva, Zlatko Jakjovski, Goran Pavlovski, Viktorija Srpanova Belakaposka, Ana Ivceva, Biljana Janeska (Macedonia)
12:05	25.	FORENSIC EXAMINATIONS AT THE CLINICAL FORENSIC CARE UNIT OF THE MEDICAL UNIVERSITY OF GRAZ – AN OVERVIEW Isabella Klasinc, Kathrin Ogris, Peter Grabuschnigg (Austria)
12:15	26.	A CASE REPORT OF NOSOCOMIAL MYIASIS IN ELDERLY WOMAN WITH MALIGNANT FACIAL OPEN WOUND: MALPRACTICE OR ELDER ABUSE? Leonardo Ciccone, Lorenzo Desinan (Italy)
12:25	27.	A FATAL CASE OF FAT AND BONE MARROW EMBOLISM IN A YOUNG MAN WITH FRACTURES OF LONG BONES AFTER A TRAFFIC ACCIDENT Lorenzo Desinan, Leonardo Ciccone, Amato De Monte (Italy)
12:35	28.	PREVENTION OF MOTORCYCLE FATALITIES – BACK TO BASICS Anton Mažuranić, Davor Mayer, Pero Bubalo, Martina Tkalčić (Croatia)
12:45	29.	CASE REPORT: MEDICAL MALPRACTICE? POISONING? THYROID DISEASE? Kalman Racz, Laszlo Herczeg, Gergo Harsanyi, Miklos Torok (Hungary)
12:55	30.	ABDOMINAL SELF-STABBING AND PLASTIC BAG SUFFOCATION: A PARTICULAR CASE OF COMPLEX SUICIDE Francesco Simonit, Fabio Bassan, Carlo Scorretti, Lorenzo Desinan (Italy)
13:05	31.	COINCIDENCE OF RARE CAUSES OF DEATH: COMMOTIO CORDIS OR POSTTRAUMATIC APNEA IN ACUTE ALCOHOLISM? Ivana Curovic, Batric Vukcevic, Nemanja Radojevic, Miodrag Soc, Dragana Cukic, Djordje Alempijevic (Montenegro, Serbia)
13:15	32.	DEATH RELATED INJURIES FROM LARGE DOMESTIC ANIMALS Natasha Bitoljanu, Verica Poposka, Natasha Davceva, Aleksandar Stankov, Goran Pavlovski, Ljupco Chakar, Viktorija Srpanova Belakaposka, Zdravko Chakar (Macedonia)
13:25	33.	LETHAL BLEEDING IN PREGNANCY Mladen Marcikić, Elizabeta Matuzalem-Marinović, Boris Dumenčić (Croatia)

14:00 –15:30	LUNCH BREAK
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SS 4	Chairs: Peter Roll, Nermin Sarajlić, Lorenzo Desinan	
15:30	34.	POST-MORTEM INTERVAL ESTIMATION BY CHANGES IN THE OPTICAL DENSITY OF THE CEREBROSPINAL FLUID WITH THE TIME AFTER DEATH INCREASING M. Garazdiuk, V. Bachynskyyi, V. Zozulia, O. Vanchuliak, O. Garazdiuk (Ukraine)
15:40	35.	AIRBAG AND SEATBELT EFFECTIVENESS ON FACIAL INJURIES IN FRONTAL COLLISIONS, AND RELATED PHYSICS Nemanja Radojevic, Batric Vukcevic, Ivana Curovic, Dragana Cukic, Miroljub Todorovic, Tanja Boljevic (Montenegro)
15:50	36.	DEVELOPMENT OF A MATHEMATICAL-STATISTICAL METHOD TO DISCRIMINATE BETWEEN SUICIDAL, ACCIDENTAL OR HOMICIDAL FATAL FALLS FROM A HEIGHT: COMPARISON OF REAL CASES WITH MULTIBODY NUMERICAL SIMULATIONS Eleonora Valentinuz, Giuseppe Monfreda, Fabio Bassan, Orazio Sciarappa, Lorenzo Desinan, Carlo Scorretti (Italy)
16:00	37.	IS HISTOLOGICAL EXAMINATION ALWAYS NECESSARY? ANALYSIS OF 870 MEDICO-LEGAL AUTOPSIES Dénes Tóth, Endre Kálmán, László Kereskai, Béla Kajtár, Gábor Simon, Veronika Heckmann, Zsolt Kozma (Hungary)
16:10	38.	USING OF METHOD OF MULTIPARAMETRIC SPECTRAL-SELECTIVE LASER POLARIZATION AUTOFLUORESCENCE OF BIOLOGICAL LAYERS FOR POST-MORTEM DIAGNOSTICS OF ACUTE ISCHEMIA OF MYOCARDIUM O. Vanchuliak, V. Bachynskyyi, N. Kozytyska, M. Garazdiuk (Ukraine)
16:20	39.	MOLECULAR AUTOPSY IN SCD: OPTION OR NECESSITY? Armin Alibegović (Slovenia)
16:30	40.	TRENDS IN CHILD DEATH CAUSES IN LITHUANIA: FORENSIC AUTOPSY DATA Dmitrij Fomin, Karolina Ginciene, Sigitas Chmieliauskas, Emilija Usaviciene (Lithuania)
16:40	41.	CYANOBACTERIAL DNA-BASED IDENTIFICATION OF DROWNING Bernadett Csányi, Gabrijela Dulka, Tomas Zakar, Mihály Kis, Éva Kereszty (Hungary)
16:50	42.	THE "BRAVE NEW WORLD" OF FORENSIC MEDICAL EXPERTS IN HUNGARY Zsolt Kozma (Hungary)

17:15 – 18:00	POSTER EXHIBITION	
	P1	A CASE OF HIGH VOLTAGE ELECTROCUTION INCREASING AWARENESS OF HARMFUL SELFIE-TAKING BEHAVIOURS <u>Ivan Šoša</u> , Valter Stemberga, Antun Ferenčić, Dražen Cuculić (Croatia)
	P2	SUDDEN INFANT DEATH SYNDROME IN CROATIA IN THE PERIOD 2011-2015 Maja Aralica, Tin Vidović, <u>Kristijan Bečić</u> (Croatia)
	P3	HOMICIDE OR COMPLICATED SUICIDE? Janos Bokor, Zsofia Almadi, Eva Keller, Krisztina Danics (Hungary)
	P4	CASE WITH ONE MISSING PIECE OF PUZZLE <u>Dražen Cuculić</u> , Valter Stemberga, Silvia Arbanas, Antun Ferenčić, Ivan Šoša (Croatia)
	P5	MYSTERIOUS CASE OF MUMMY THE MUMMY <u>Dražen Cuculić</u> , Valter Stemberga, Silvia Arbanas, Antun Ferenčić, Ivan Šoša (Croatia)
	P6	WHEN BLOOD LOSS IS NOT ENOUGH: PULMONARY FAT EMBOLISM FOLLOWING BLUNT TRAUMA <u>Danica Cvetković</u> , Vladimir Živković, Slobodan Nikolić (Serbia)
	P7	ASPHYXIA IN THE PAPER FACTORY <u>Danica Cvetković</u> , Vladimir Živković, Slobodan Nikolić (Serbia)
	P8	CLINICAL-PATHOLOGICAL NETWORK IN DETECTION OF NPS IN CROATIA Marija Definis-Gojanović, Maja Veršić Bratinčević, <u>Kristijan Bečić</u> , Davorka Sutlović (Croatia)
	P9	AN UNUSUAL SUICIDE WITH A SAFETY RAZOR BLADE – A CASE REPORT <u>Tijana Durmić</u> , Milenko Bogdanović, Bojana Radnić, Tatjana Atanasijević (Serbia)
	P10	STUDY ON THE RELATIONSHIP BETWEEN THE CONCENTRATION OF ETHANOL IN THE BLOOD AND THE VITREOUS HUMOUR <u>Tijana Durmić</u> , Milenko Bogdanović, Katarina Andrejić, Zoran Mihailović (Serbia)
	P11	FATAL FALLS FROM HEIGHTS <u>Goran Pavlovski</u> , Verica Poposka, Zlatko Jakjovski, Renata Jankova-Ajanovska, Ljupco Cakar, Ana Ivcheva, Biljana Janeska, Zdravko Cakar (Macedonia)
	P12	BRAIN-HEART CROSSTALK <u>Beáta Havasi</u> , Roland Weiczner, Katalin Marietta Pintér, Éva Kereszty (Hungary)
	P13	A CASE OF PEDESTRIAN DOUBLE HIT. RECONSTRUCTION OF THE INJURIES-RELATED DEATH Franco Morrone, Giuseppe Monfreda, Fabio Zocchi, Lorenzo Desinan (Italy)
	P14	DEATH CAUSED BY APPARENTLY ASYMPTOMATIC PERITONITIS DUE TO an IMPACTED DENTURE Bojana Radnic, Milenko Bogdanovic, Zoran Mihailovic, Tatjana Atanasijevic, Vesna Popovic (Serbia)

P15	INFLUENCE OF CLIMATIC FACTORS ON SUICIDE RATE IN SPLIT IN 2011-2015 Philipp Schubert, <u>Kristijan Bečić</u> , Marija Definis-Gojanović, Davorka Sutlović, Maja Veršić Bratinčević (Croatia)
P16	RECONSTRUCTING THE CRIME SCENE VIA RECONSTRUCTING THE SKULL <u>Árpád Szabó</u> , Tímea Mai (Hungary)
P17	CHALLENGES IN DETECTION OF THE RECENTLY EMERGED SYNTHETIC CANNABINOIDS IN HUMAN URINE SAMPLES Tímea <u>Körmöczi</u> , Éva Sija, Olivér Nagy, Zsófia Ruppert, Ákos Hunya, Róbert Berkecz (Hungary)
P18	LEADING EXTERNAL CAUSES OF DEATH IN PERSONS AGED 20-24 YEARS IN THE PERIOD 2011-2015 IN CROATIA Tin Vidović, Maja Aralica, <u>Kristijan Bečić</u> (Croatia)
P19	BLUE CRISTAL OF „TOMAŠICA“ BODIES <u>Adis Salihbegović</u> , Nermin Sarajlić, Emina Spahić, Anes Jogunčić (Bosnia and Herzegovina)

20:00	GALA DINNER
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Friday, 1 June – Meeting Room Bianca Istriana

ODONTOLOGY SECTION

Odontology group – In Co-operation with IOFOS	
11:00 – 14:00	WORKSHOP Hrvoje Brkić – DENTAL AGE ASSESSMENT IN ADULTS Roberto Cameriere – AGE ESTIMATION PROJECT (Includes Coffee break)

14:00 – 15:30	LUNCH BREAK
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SS D	Chairs: Ricardo Henrique Alves da Silva, Hrvoje Brkić, Roberto Cameriere	
15:30	D1	FORENSIC ODONTOLOGY IN BRAZIL: GENERAL OVERVIEW Ricardo Henrique Alves da Silva (Brazil)
15:45	D2	THE ROLE OF CLINICAL DOCUMENTATION IN FORENSIC AND CRIMINAL LEGAL ASSESSMENT OF TOOTH LOSS AND OTHER DENTAL INJURIES Peter Gergely, Philipp Schneider, Agnes Ban, Katalin Fogarasi, Robert Boda, Zoltan Patonai (Hungary)
16:00	D3	DENTAL EXAMINATION OF A POSSIBLE TORTURE VICTIM Alan Richards (Denmark)
16:15	D4	COMPARING PULP/TOOTH RATIO METHOD WITH STANDARD ANTHROPOLOGICAL METHOD FOR AGE ESTIMATION IN ADULTS Danijela Djonic, Ksenija Zelic Mihajlovic, Jovana Mijucic, Strahinja Pavlovic, Milutin Micic, Marija Djuric (Serbia)
16:30	D5	COMPARISON OF ACCURACY AND RELIABILITY OF TWO DENTAL AGE ESTIMATION METHODS BETWEEN TRAINED AND UNTRAINED EXAMINERS Nemanja Marinković, Miša Spirković, Aleksandra Radmanović, Petar Milovanović, Marija Đurić, Nenad Nedeljković, Ksenija Zelić (Serbia)
16:45	D6	EDUCATION OF FORENSIC DENTISTRY AT THE UNIVERSITY OF ZAGREB Hrvoje Brkić (Croatia)

Saturday, 2 June

09:00	EXCURSION – TRIP TO ISTRIA with lunch
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