

**Wednesday 30 august 2023 - Morning**

Session Presidents: Specified in the final program version

09:00	10:15	<i>Welcome Coffee</i>	
10:15	10:45	Welcoming – Faculty Dean, ADES laboratory director, FASE President	
<b>KEYNOTE</b>			
10:45	11:15	<p><b>The 2023 earthquake in Turkey and Syria: Concrete pitfalls of the Disaster Victims Identification</b> <i>Oguzhan EKIZOGLU</i></p>	Turkey
<b>KEYNOTE</b>			
11:15	12:00	<p><b>United Nations' guidance for death investigations: Development, value and practical considerations of the Minnesota Protocol</b> <i>Morris TIDBALL-BINZ</i></p>	Argentina
12:00	12:15	<p><b>Those that fall between the cracks: A cry out for interagency collaborations</b> <i>Despoina FLOURI, BOVIATSI E., TEZEPSIDIS G., KRANIOTI E.</i></p>	Greece
12:15	12:30	<p><b>Humanitarian forensic anthropology in Italy: A case of commingled remains from the largest mass disaster of the migrant crisis in the Mediterranean Sea</b> <i>Andrea PALAMENGI, PAWASKAR S., MAZZARELLI D., BIEHLER-GOMEZ L., GIBELLI D., DAMANN F., LYNCH J., DE ANGELIS D., JANTZ R., CATTANEO C.</i></p>	Italy USA Australia
12:30	12:45	<p><b>If the intentions are good: Islamic burial customs &amp; mass grave exhumations in Somaliland</b> <i>Lucia ELGERUD</i></p>	Sweden USA
12:45	13:45	<i>Lunch Break and Posters</i>	

**Wednesday 30 august 2023 - Afternoon (part 1)**

Session Presidents: Specified in the final program version

13:45	14:00	<b>"Secure" identification of the deceased. Interpol definitions versus police routines</b> <i>Niels LYNERRUP, SKOV A., BOISEN OLSEN K., YLIJOKI-SØRENSEN S.</i>	Denmark
14:00	14:15	<b>Estimating socio-cultural identity within black South African groups using sub-specific discriminate 3D shape matrices</b> <i>Alison RIDEL, L'ABBE E.</i>	South Africa
14:15	14:30	<b>Fluorescence imaging and fluorescence spectrometry as techniques for discriminating burnt bones from debris</b> <i>Beatriz BARREIRO, FERREIRA M.T., MORGADO M.</i>	Portugal
14:30	14:45	<b>A comparative study of unidentified migrant and non-migrant remains across three medicolegal offices in Greece</b> <i>Sophia MAVROUDAS, FLOURI D., KRANIOTI E., MORAITIS K., KARYDI C., KARAKASI V.</i>	Greece USA
14:45	15:00	<b>The practical significance of identification: Six family reunification cases</b> <i>Lorenzo FRANCESCHETTI, MAZZARELLI D., PALAMENGI A., D'APUZZO A., RAGNI C., SICCARDI C., D'AMICO M., VIARENGO I., CATTANEO C.</i>	Italy
15:00	15:15	<b>Analysis of 14C and 13C in bones to assist identification of unknown human remains</b> <i>Rebecka TEGLIND, BALKEFORS J., DRUID H., ALKASS K.</i>	Sweden
15:15	15:45	<i>Coffee Break and Posters</i>	

**Wednesday 30 august 2023 - Afternoon (part 2)**

Session Presidents: Specified in the final program version

15:45	16:00	<p><b>Testing the reliability of medial clavicle ossification assessment by conventional radiography: The use of Kellinghaus sub-stage system for age estimation in the living</b></p> <p><i>Stefano TAMBUZZI, CUMMAUDI M., CARMELO M., DANIELE G., MAZZARELLI D., TRITELLA S., DE ANGELIS D., CATTANEO C.</i></p>	Italy
16:00	16:15	<p><b>A deep learning approach to adult skeletal age-at-death estimation</b></p> <p><i>David NAVEGA, COSTA E., CUNHA E.</i></p>	Portugal
16:15	16:30	<p><b>Combination of histomorphometric and morphological methods for age estimation from costal elements</b></p> <p><i>Julieta G. GARCIA DONAS, KRANIOTI E., BONICELLI A.</i></p>	UK Greece
16:30	16:45	<p><b>Age estimation in a Western Australian population: A geometric morphometric and linear analysis of the subadult mandible</b></p> <p><i>PRINCE K., Zuzana OBERTOVA, FRANKLIN D.</i></p>	Australia
16:45	17:00	<p><b>The accuracy of pelvic age estimation methods using CT scans in a Western Australian population</b></p> <p><i>BOISSEAU G., Zuzana OBERTOVA, FLAVEL A., FRANKIN D.</i></p>	Australia

**Thursday 31 august 2023 - Morning**

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09:00	10:30	FASE General Assembly	
10:30	11:00	Coffee Break and Posters	
11:00	11:15	<b>Hacked, burned or both? Chemical trace analysis of sharp force trauma in unburned and burned bone</b> <i>Joana ROSA, FERREIRA M.T., GONCALVES D., MARQUES M.P., BATISTA DE CARVALHO L., GIL F.</i>	Portugal
11:15	11:30	<b>Current status of forensic anthropology in the Middle East and North Africa (MENA) Region</b> <i>Cindy MANSOUR, BENITO SANCHEZ M., MARQUEZ-GRANT N.</i>	Spain UK
11:30	11:45	<b>Development of forensic anthropology in Sweden</b> <i>Anja PETAROS, ALFSDOTTER C.</i>	Sweden
11:45	12:00	<b>Addressing the challenges of data collection bias in third molar analysis for age estimation</b> <i>Ines OLIVEIRA-SANTOS, POARES BAPTISTA I., ALVES DA SILVA R.H., CUNHA E.</i>	Portugal Brazil
12:00	12:15	<b>Dental calculus, an aid to geographic origin reconstruction on present populations</b> <i>Giulia CACCIA, MAREGRANDE L., CACCIANIGA M., CAMPOBASSO C.P., CATTANEO C.</i>	Italy
12:15	12:30	<b>Stable isotope analysis as a tool in forensic archaeological casework: Current status and a way forward</b> <i>Jagmahender Singh SEHRAWAT</i>	India
12:30	12:45	<b>Understanding the poorly preserved historic skeletons from the Crown Mines Cemetery, South Africa – the importance of the assessment of diagenesis</b> <i>Desiré BRITS, LANDER S.L., HOSIE M.</i>	South Africa
12:45	14:00	Lunch Break and Posters + FASE Board meeting	

**Thursday 31 august 2023 - Afternoon**

Session Presidents: Specified in the final program version

14:00	14:15	<p><b>The (un)coupling method: Principle and application on fetuses and infants' skeletal remains up to three postnatal months</b> <i>NIEL M., BONHOMME V., <u>Pascal ADALIAN</u></i></p>	France
14:15	14:30	<p><b>Potential of the integration of multiple omics profiles for post-mortem interval estimation</b> <i><u>Andrea BONICELLI</u>, MICKELBURGH H.L., CHIGHINE A., LOCCI E., WESCOTT D.J., PRICOPIO N.</i></p>	UK USA Netherlands Italy
14:30	14:45	<p><b>Mice, foxes and cadavers: Forensic anthropological implications from an experimental study</b> <i>Lara INDRA, MOSER V., LÖSCH S.</i></p>	Switzerland
14:45	15:00	<p><b>Violence against children: A review of forensic anthropological cases in Johannesburg, South Africa</b> <i>Maryna STEYN, BRITS D., BOTHA D., HOLLAND S.</i></p>	South Africa
15:00	15:15	<p><b>Finding bones in Switzerland: Forensic anthropology at the University Center of Legal Medicine Lausanne – Geneva</b> <i><u>Negahnaz MOGHADDAM</u>, FRACASSO T., GENET P., GRABHERR S., VARLET V.</i></p>	Switzerland
15:15	15:45	<i>Coffee Break and Posters</i>	
15:45	17:00	<p><b>KEYNOTE</b> <b>Interdisciplinary conference</b> <i>Olivier OULLIER</i></p>	France
19:00		<b>Gala Dinner</b>	

**Friday 1 september 2023 - Morning (part 1)**

Session Presidents: Specified in the final program version

**KEYNOTE**

09:00	09:45	<b>Imagery in forensic anthropology</b> <i>Niels LYNNERUP</i>	Denmark
09:45	10:00	<b>Virtual anthropology and the importance of using PMCT databases: Some applications</b> <i>Chiara VILLA, KHATAM-LASHGARI A., ZHANG Q., PAZ RODRIGUEZ A., LØNSTRUP HARVING M., BANNER J., JØRKOV M.L., TANGMOSE LARSEN S., LYNNERUP N.</i>	Denmark China
10:00	10:15	<b>Exploring age-related trends in cortical and trabecular bone in an elderly Scottish sample: A pilot study on the clavicle</b> <i>Corrina WILSON, GARCIA-DONAS J.G., CUNNINGHAM C.</i>	UK
10:15	10:30	<b>Age estimation and sex determination by MRI of the knee: Application to a Tunisian (North African) population</b> <i>Sami BEN JOMAA, SAKLY T., CHEBBI E., ADBELALI M., ZRIG A., HAJ SALEM N.</i>	Tunisia
10:30	10:45	<b>The use of Radiomics for potential bone pair-matching using post-mortem computed tomography images</b> <i>Eleni KONTZINOI, LEVENTIS D., FLOURI D., KLONTZAS M., SPANAKIS K., KARANTANAS A., KRANIOTI E.</i>	Greece
10:45	11:00	<b>Immunohistochemical analysis in forensic anthropology: How far can we evaluate the vitality of perimortem bone trauma?</b> <i>Cristian GONZALES CASAS, SANT F., VERGARA C., DE LA TORRE N., ARMENTANO N., SCHWAB N., GALTES I., JORDANA X.</i>	Spain
11:00	11:30	<i>Coffee Break and Posters</i>	

## Friday 1 september 2023 - Morning (part 2)

Session Presidents: Specified in the final program version

11:30	11:45	<b>The big challenge of determining the vitality of perimortem trauma in forensic anthropology. A histomorphometric investigation</b> <i>Xavier JORDANA, GALTES I., SCHWAB N.</i>	Spain
11:45	12:00	<b>The application of narrow band light sources when investigating bone damage</b> <i>Tristan KRAP, AALDERS M.C.G, DUIJST W.</i>	Netherlands
12:00	12:15	<b>A three-year experimental study of outdoor human decomposition in Quebec: Towards establishing a regional taphonomic model</b> <i>Agathe RIBEREAU-GAYON, CARTER D., FORBES S.</i>	Canada USA
12:15	12:30	<b>The application of GIS technology in estimating the postmortem interval</b> <i>Christina KARYDI, MONTESANTOS I., MORAITIS K.</i>	Greece Netherlands
12:30	12:45	<b>Scavenging taphonomy in South Africa and the implications for skeletal recovery and analysis</b> <i>Craig KEYES, BRITS D., MYBURGH J.</i>	South Africa
12:45	13:45	<i>Lunch Break and Posters</i>	

## Friday 1 september 2023 - Afternoon

Session Presidents: Specified in the final program version

13:45	15:15	<b>Round table about certification: International experience share</b>	
15:15	15:45	<i>Coffee Break and Posters</i>	
15:45	17:00	<b>Round table about certification: FASE certification</b>	

## Posters

**The population independency of stature estimation: Contribution to a debated issue**

*ARKOULI M., DELIGIANNI V., FLOURI D., KRANIOTI E.*

Greece

**The comprehensive analysis of skull sutures based on PMCT acquisition with respect to age estimation**

*BARSZCZ M.T., BADACH E., WOZNIAK K.*

Poland

**Age Estimation by CT Study of the Sternum, Clavicle and First Rib**

*BEN JOMAA S., CHEBBI E., SAKLY T., HMIDA B., ZRIG A., HADJ SALEM N.*

Tunisia

**Sexual dimorphism of the cranial base and the bony labyrinth: Archaeo-anthropological and forensic implications**

*BOUCHERIE A., POLET C., LEFEVRE P., VERCAUTEREN M.*

Belgium

**The study of microcracking pattern in fractured bones: Is this a proper method for distinguishing between gunshot trauma and blunt force trauma?**

*CASAS TONA A., ARMENTONA N., SCHWAB N., GALTES I., JORDANA X.*

Spain

**Craniofacial form and masseter muscle anatomy in relation to sex: A radiographical and cadaveric study**

*CELE T., NAIDU L., ALADEYELU O., LAWAL S., RENNIE C.*

South Africa

**PMCT of charred bodies: a case series from Crete, Greece**

*CHASAPI E., DASKALAKI E., KRANIOTI E.*

Greece

**Identification and species diagnosis of fingernails fragments in a forensic context through Raman spectroscopy contribution**

*D'APUZZO A., BRUNI S., CUMMAUDO M., MAZZARELLI D., SALSAROLA D., BIEHLER-GOMEZ L., CATTANEO C.*

Italy

**Weaponized pens: a potential nightmare in forensic investigations**

*DASKALAKI E., FLOURI D., CHASAPI E., KANAKI K., KRANIOTI E.*

Greece

**Time since death, skin color changes, and white bias?**

*ELGERUD L., BOYD D.A., CAWLEY W.D., GRIFFIN T., BROCKETT M.*

USA



## Posters

**Postmortem interval estimation – Luminol and its influence by taphonomic factors**

*ERMIDA C., CUNHA E., FEIRREIRA M.T.*

Portugal

**Using XRF devices to detect metallic residues from gunshot wounds in charred bone: A technical report**

*FRANCESCHETTI L., MAZZARELLI D., VITALI C., AMADASI A., BONIZZONI L., CATTANEO C.*

Italy

**Suicide by self immolation: A case series from Crete, Greece**

*KOURGIANTAKI O., FLOURI D., KRANIOTI E.*

Greece

**Exploring cortical histomorphometry along the length of the femur: A geometric morphometrics approach**

*LEISS L., RAMPHALENG T., BACCI N., HOULTON T., GARCIA-DONAS J.G.*

UK  
South Africa

**Taphonomic indicators of former anatomical specimens recovered from forensic settings**

*MANALI M., KARAGEORGOU I., MORAITIS K.*

Greece

**Exploring the feasibility of using synchrotron X-ray fluorescence analysis (SXRF) to identify the neonatal line in human primary teeth**

*MARTIROSYAN A., ALVAREZ H., SANDOVAL C., JONHSON N., IRURITA J., JUANHUIX J., MALGOSA A., JORDANA X., MOLERA J.*

Spain

**Identification of unknown skeletal remains through AM and PM computed tomography (CT) – case report**

*MAZUR M., CZUBAK A.*

Poland

**Analyzing commingled remains: Two case-studies from the Guatemalan internal armed conflict**

*MITTINO G.B., SAMAYOA A., RIVERA C.*

Guatemala

**Morphometric sex estimation from pelvic CT scans: Comparison of Diagnose Sexuelle Probabiliste 2 (DSP2) and Franklin et al. (2014) methods in an Australian Population**

*MULLARD N., OBERTOVA Zuzana, FRANKLIN D.*

Australia

**Using X-ray fluorescence analysis to evaluate the composition of dental prostheses: A case study**

*OLIVEIRA-SANTOS I., GOMES R.A.M.P., COELHO C., GIL F., CUNHA E., POIARES BAPTISTA I., FERREIRA M.T.*

Portugal

## Posters

**Application of 3D-3D superimposition and distance analysis on commingled scapulae: An additional tool for pair-matching**

*PALAMENGI A., MAZZARELLI D., CAPPELLA A., DE ANGELIS D., SFORZA C., GIBELLI D., CATTANEO C.*

Italy

**Contribution of post-mortem radiography to odontological identification through clinical cases**

*REBOUL C., BOURGEOIS C., DEREAU T.*

France

**Restoration of a fragmented cranium: A preliminary case study of 3D digital tools**

*RODELLA L., CACCIA G., CATTANEO C.*

Italy

**The Fast-human bone degradation in the Azores: The case Terceira island cemeteries**

*RODRIGUES F., QUARESMA C., FERREIRA M.T., MATOS V., MENDES A., MADRUGA J.*

Portugal

**Metric accuracy of different types of human bones comparing 3D structured light scans and physical specimens**

*SHANLEY C., OBERTOVA Z., FRANKIN D.*

Australia

**Important findings related to the decomposition pattern and rate of small-sized pig cadavers in the Netherlands**

*SLUIS I., KRAP T., GELDERMAN T., DUIJST W.*

Netherlands

**When small details are crucial to unraveling forensic anthropology cases**

*SOUSA S., AMARANTE A., GOMES C., CUNHA E.*

Portugal

**Evaluation of early vital changes and responses on non-decalcified fractured human bone**

*TAMBUZZI S., GRAZIANO D., DALCERRI E., PELLEGRINI G., DELLAVIA C., CATTANEO C.*

Italy

**Tracking of the relationship between the asymmetry of skull and the surface of head for skull-based facial reconstructions**

*THOTTUNGAL R.R., VELEMINSKA J., SKRYJOVA Z., HARNADKOVA K., BEDJOVA S., ZEDNIKOVA MALA P., RMOUTILOVA J.D.*

Czech Republic

## Posters

**Bones on fire: Differences in FTIR-ATR analysis on human and animal burnt remains in controlled and non-controlled experiments**

VASSALO A., GONCALVES D., CUNHA E., BATISTA DE CARVALHO L.

Portugal

**Sorting successive thoracic vertebrae in commingled contexts: A geometric morphometrics approach**

VOULGARI M., ANASTOPOULOU I., KRANIOTI E., PAPAGEORGOPOULOU C., MORAITIS K.

Greece