



# 11<sup>TH</sup> EUROPEAN MEETING ON FORENSIC ARCHAEOLOGY

## PROGRAMME

2023

Institute of Legal Medicine and  
Forensic Sciences, Madrid.

Julio Cano Lasso Street, 4  
28042, Madrid.

September 2023



EUROPEAN NETWORK  
OF FORENSIC SCIENCE  
INSTITUTES



Instituto de Medicina Legal y Ciencias Forenses  
CONSEJERÍA DE PRESIDENCIA,  
JUSTICIA Y ADMINISTRACIÓN LOCAL  
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# PROGRAMME

WEDNESDAY, 27 SEPTEMBER, 2023

## Official Opening of the Meeting

- 15:30 -16:00. Registration.
- 16:00 -16:10. Welcome (Organizing Committee).
- 16:10 -16:20. Director of the IMLCF (E. Andreu Tena)
- 16:20 - 16:30. Director of the INTCF (A. Alonso Alonso)
- 16:30 – 16:40. ENFSI/EMFA Update (M. Groen)

## Opening Remarks

- 16:40-17:00. Ms. María del Carmen Martín García-Matos. Deputy Minister of Justice and Victims. Community of Madrid

Session 1: Mass Fatality Incidents (17:00-18:30)			
Timetable	Main Hall (Chair: G��elle Placet)	Hall 1 (Chair: Xenia P. Kyriakou)	Hall 2 (Chair: Pedro A. Barrio Caballero)
17:00-17:45	<b>Keynote Speaker: Howard Way “Disaster Victim Identification (DVI): standards and practice”</b> (Streamed live in main hall)		
17:45-18:00	S1. MH.1. Medical assistance in multi-victim incidents (M��.A. Sempr��n Guill��n and C. Navarro Sanguino)	S1. H1.1. Forensic medical intervention in the Spanair plane disaster (E. Andreu)	S1. H2.1. The National Institute of Toxicology and Forensic Sciences in the investigation of mass fatality incidents (A. Alonso Alonso)
18:00-18:15	S1. MH.2. The crime scene through smell: “the search for biological remains impossible to visualise” (J.M. R��os Corbacho and S.A. Fern��ndez Moreno)	S1. H1.2. The role of forensic archaeology in the investigation of aircraft crash sites (N. Heap)	S1. H2.2. Disaster victim identification. Moroccan experience (A. Belhouss)
18:15-18:30	S1.MH.3. The intervention of the Military Emergency Unit in Disaster Organisation and Victim Identification (Cmtd. Pedro Casado de las Heras)	S1.H1.3. Forensic sciences and aircraft accident investigation (Col. B. Puente Espada)	S1.H2.3. Dying in the coalmine: exhumation and anthropological analysis of the unknown victims of bois du czier disaster (1956, Belgium) (A. Boucherie, P. Lef��vre and C. Polet)
18:30	Canine Unit demonstration. (Cinological Service. General Direction, Civil Guard)	Canine Unit demonstration. (Cinological Service. General Direction, Civil Guard)	Canine Unit demonstration. (Cinological Service. General Direction, Civil Guard)

## Exhibitions (Courtyard, 18:30 - 20:00)

- **UME Capacity: Deployable morgue.** Emergency Military Unit (UME)
- **Mobil Emergency Unit (UVI M  vil).** Emergency Medical Service of the Community of Madrid (**SUMMA 112**)

## Cocktail (Courtyard, 19:00 - 20:00)

## THURSDAY, SEPTEMBER 28, 2023

Session 2			
Timetable	Session 2A. Search, Location and Recovery in Forensic Case Work (Chair: Clara Alfsdotter)	Session 2B. Forensic Taphonomy (Chair: Sandra Lösch)	Session 2C. Other Advances in Forensic Archaeology (Chair: Joe Adserias)
	Main Hall	Hall 1	Hall 2
9:30-9:45	S2. MH. 1. Landscape profiling in Forensic Archaeology: a North America CRM paradigm (S. Cohen and X.P. Kyriakou) (ONLINE)	S2. H1.1. Forensic Taphonomy and other studies in the Anthropology Section of the IMLCF Madrid (E. Dorado Fernández and E. Ruiz-Tagle Fernández)	S2. H2.1. A Forensic Anthropological case from Sicily: the importance of taphonomy in an aquatic setting (E. Varotto, A. Desiderato, C. Sollami, y F. M. Galassi) (ONLINE)
9:45-10:00	S2. MH. 2. Search and Recovery Methods for Forensic Aviation Archaeology in Aquatic Contexts (S. L. Richey)	S2. H1.2. Exploring rooth etching on bone remains for forensic research: preliminary results of experimental projects (A. Macho-Callejo, A. Gutiérrez and Y. Fernández-Jalvo)	S2. H2.3. Decay patterns of Sus scrofa body parts in contrasting microenvironments. (B. Franicevic) (ONLINE)
10:00-10:15	S2. MH. 3. Sheding an alternative light on Forensic Archaeology (A. Harte)	S2. H1.3. Patterns of taphonomic modifications to burned human remains from a controlled research setting (R. L. George, N. V. Passalacqua, D. A. Solomon, D. M. Schauble, B. J. Bintz and H. Noel)	S2. H2.2. From Threads to Timelines: Investigating Textile Influence on grave soil PMI Estimation (P. Watson, T. Komang Ralebitso and S. Assi)
10:15-10:30	S2. MH. 4. Of Bones, bombs and rabbits. An approach to the documentation and interpretation of the dispersion of skeletal remains located in shelters from the battle of Brunete (J. Martín Alonso, G. López García, G. González Martínez, J. Iglesias Bexiga, M. Mezquida Fernández and A. Calpe Vicente)	S2. H1.4. Case Report: taphonomic alterations caused by termites in an ancient indigenous in the northeast region of Brazil (C. Cunha, Y. Silva and P. Almeida Prado)	S2. H2.4. Sampling and characterization of Mass Grave Soils: Barranco de Víznar (Granada) (Z. García López, A. Martínez Cortizas and O. López Costas)
10:30-10:45	S2. MH. 5. Seeing the Unseen: The Crucial Role of Remote Sensing and Ground Penetrating Radar in Forensic Archaeology (P.M. Barone)	S2. H1.5. Improvement of diagnosis in human taphonomy. Intracadaveric gases analysis (V. Varlet)	S2. H2.5. Archaeothanatology of complex funerary and mortuary graves: insights into collective burials and mass graves (M. J. Neves and M. T. Ferreira)
10:45-11:00	S2. MH. 6. Underwater recovery missions: perspectives and challenges (S. Weise)	S2. H1.6. The Mass Grave Project: first results of an ongoing program of Forensic Taphonomic experiments simulating primary and secondary mass graves to advance the investigation of mass graves (H. L. Mickleburgh, M. McCarthy-Allen, N. Ogbanga, T. P. Gocha, D. J. Wescott, N. Procopio and S. Gino)	S2. H2.6. The use of burial for temporary concealment of commodities by criminal entities (Z. Cadwell)

11:00-11:30 Coffee Break

Session 3: Forensic Archaeology: Judicial Cases			
Timetable	Main Hall (Chair: José Luis Prieto Carrero)	Hall 1 (Chair: Fabian Kanz)	Hall 2 (Chair: Nuria Armentano Oller)
11:30-12:15	<b>Keynote Speaker: Dennis Dirkmaat “Forensic Archaeology, Forensic Taphonomy and the Outdoor Crime Scene”</b> (Main Hall. Streamed live in Hall 1 and 2)		
12:15-12:30	S3. MH. 1. Forensic Archaeology. How can it contribute to the Anthropological and Genetic studies in a case related to the investigation of irregular adoptions? <i>(T. Cabellos, P. Martín, Mª C. González-Albo, Mª A. Jiménez and P.A. Barrio)</i>	S3. H1.1. Analysis of human skeletal remains recovered from an abandoned water exploration well in northeastern México <i>(N. Lambacher, D. Alanis-Salaza, R. A. González-Lara, et al.)</i>	S3. H2.1. The Human Remains Trade To, From and Within Spain: Socio-Legal Context and Peculiar Case Studies <i>(D. Huffer, D. and N. Márquez-Grant)</i>
12:30-12:45	S3. MH. 2. Heritage Protection by Local Police <i>(F. J. Rufián Fernández)</i>	S3. H1.2. Analysis and intervention in the areas with presence of skeletal remains in the northeastern area of Tamaulipas <i>(J. G. Gallardo Martínez) (ONLINE)</i>	S3. H2.2. Team work makes the dream work - three case studies from the United Kingdom <i>(E. Poulus and B. Moore)</i>
12:45-13:00	S3. MH. 3. Current challenges facing the forensic crisis and the presence of organized crime in Mexico. The intervention of the forensic archaeologist in clandestine graves and extermination camps <i>(K. Herrera Buenrostro and D. C. Torres Alfaro) (ONLINE)</i>	S3. H1.3. The significance of crime scene's first record: a review of two femicide case studies <i>(A. Espelosín Frade, I. Martínez Armijo and J. Stockins Ramírez) (ONLINE)</i>	S3. H2.3. Multidisciplinary approach in forensic contexts of the Northeast of Mexico <i>(J. Olvera, F. Padilla and C. Morley) (ONLINE)</i>

13:00-14:15. Lunch

Session 4: Posters and Photo Exhibition	
Timetable	2º Floor Hall
14:15-15:15	<i>Authors should stand next to their posters/photos to answer questions from other delegates.</i>

Session 5: Current Status of Forensic Archaeology (Chair: Nicholas Márquez-Grant)			
Timetable	Main Hall	Hall 1	Hall 2
15:15-15:30	S5. MH. 1. The development of forensic archaeological standards within the Swedish Police Authority <i>(C. Alfsdotter, C. Hagberg, Christian and J. Olsson)</i> (streamed live from Main Hall to Halls 1 & 2)		
15:30-15:45		S5. MH. 2. Forensic Archaeology in Australia <i>(J. Bertrand-Bruce)</i> (streamed live from Main Hall to Halls 1 & 2)	
15:45-16:00		S5.MH.3. Deciphering bones: Forensic Anthropology at the University Center of Legal Medicine Lausanne-Geneva <i>(N. Moghaddam, T. Fracaso, P. Genet, Pia and V. Varlet)</i> (streamed live from Main Hall to Halls 1 & 2)	
16:00-16:15		S5.MH.4. The Forensic Anthropology expertise Unit of the Forensic Sciences Institute of the French Gendarmerie: a French specific model <i>(G. Placet and F. Nolot)</i> (streamed live from Main Hall to Halls 1 & 2)	
16:15-17:00	<b>Keynote Speaker: Juan Javier Pérez Pérez: “Criminal Law and crime scene investigation in Spain”.</b> (Main Hall. Streamed live in Hall 1 and 2)		

18:00-19:30 Visit to the National Archaeological Museum

20:00 Congress Dinner

## FRIDAY, SEPTEMBER 29, 2023

### Session 6: Forensic Archaeology: Humanitarian Cases

Timetable	Main Hall (Chair: Mercedes Salado Puerto)	Hall 1 (Chair: Ángel Fuentes Domínguez)	Hall 2 (Chair: Nicole Lambacher)
10:00-10:15	S6. MH. 1. The lasting materiality of violence: the importance and particularities of Forensic research for the human rights of indigenous communities <i>(C. R. Plens, K. Górrka and C. Diogo de Souza)</i>	S6. H1.1. Exhumation, Analysis and Investigation of Victims of Franco's repression in the cemeteries of Paterna, Castellón and Alicante <i>(Ll. Alapont Martín, J. Alfonso Llorens, J. J. Ruiz López, M. A. Martínez Pérez, F. Mejías López, A. Miguélez González, J. R. Ortega Pérez and E. Poveda Hernández)</i>	S6. H2.1. Burned remains from "Mass de la Pila": the difficulties to the anthropological field study <i>(M. Riba Vidal, M., A. Díaz Carvajal, B. Agustí Farjas and M. E. Subirá de Galdácano)</i>
10:15-10:30	S6. MH. 2. The process of identification in the exhumation of mass graves of Spanish war reprisals. An example of the project "Osuna Recuerda" <i>(I. López Flores, O. Rodríguez Gutiérrez, I. Carrasco Gómez and C. Romero Paredes)</i>	S6. H1.2. Portrait of a Genocide: Analysis of the Disposition of Francoist Victims' Bodies in the Mass Graves of Paterna Cemetery <i>(G. López García, J. Iglesias Bexiga, A. González Martínez, J. Martín Alonso, M. Mezquida Fernández and A. Calpe Vicente)</i>	S6. H2.2. Identification of human bone remains in the research of the Institute of National Remembrance in Poland. CODIS (The Combined DNA Index System) system support <i>(M. Krajewska, A. Szelag and K. Rebala)</i>
10:30-10:45	S6. MH. 3. New data on search and identification of remains of Lithuanian freedom fighters <i>(I. Čižiurkaitė)</i>	S6. H1.3. Studied of Saponified remains of the Franco repression from grave 126 of Paterna Cemetery (Valencia). A big challenge <i>(N. Armetano Oller, I. Galtés Vicente, L. Canales Bartra, J. Benet Cugat, J. Ramos Ruiz, S. Sancho Peris, E. Díaz Ramoneda, I. Blay Gil and F. Busquets Costa)</i>	S6. H2.3. Forensic Archeology in Aragón (Spain). Case study of civil repression and conflict during the Civil War (1936). <i>(H. Chauton Pérez)</i>

11:00- 11:30. Coffee Break

### Session 7: Training, Development and Future of the Discipline

Timetable	Main Hall (Chair: Kjeld Helland-Hansen)	Hall 1 (Chair: Teresa Cabellos Panadés)	Hall 2 (Chair: Pier Matteo Barone)
11:30-12:15	<b>Keynote Speaker: Luis Fondevila: "Forensic Archaeologists and Scene of Crime Officers (SOCOs), a complex relation"</b> (streamed live from Main Hall to Halls 1 & 2)		
12:15-12:30	S7. MH. 1. Professionalization and Operationalization of Forensic Archaeology in Europe <i>(X. P. Kyriakou, N. Passalacqua and P. van der Burgt)</i>	S7. H1.1. The need for archaeological working methodology in the context of human remains exhumation <i>(O. Blázquez Fernández)</i>	S7. H2.1. Integrating Forensic Archaeology into Slovak Law Enforcement Procedures <i>(M. Putsko and D. Čechvala)</i>
12:30-12:45	S7. MH. 2. The Man in the Mountain: Documentation and Forensic Excavation <i>(P. van der Burgt)</i>	S7. H1.2. Forensic Archaeology and Anthropology in Spain. role of the General Council of the Official Chartered Institutions of PhDs and Graduates in Philosophy and Arts and Sciences. Professional ethics. <i>(J.I. Lorenzo Lizalde)</i>	S7. H2.2. Current Status in Forensic Archaeology in Ireland <i>(N. À McCullagh)</i>
12:45-13:00	S7. MH. 3. Skeletal Trauma Analysis: the importance of the recovery <i>(J. Adserias Garriga, L. Cabo Pérez and D.C. Dirkmaat)</i>	S7. H1.3. The Osuna Recuerda project: an example of interdisciplinary and interprofessional collaboration in the field of forensic archaeology <i>(O. Rodríguez Gutiérrez)</i>	S7. H2.3. Forensic archaeological approach. A critical look to extrajudicial execution contexts in Antioquia, Colombia (2002-2006) <i>(A.A. Esquivel Botero) (ONLINE)</i>

13:00-14:30. Lunch (2º Floor Hall)

## 14:30-16:30. Workshops

### **Workshop 1: “The need for evidentiary standards for Forensic Archaeology” (Main Hall)**

- Mike Groen, Chair of the ENFSI SoC Forensic Archaeology Group.
- Alastair Vannan, chair/practitioner lead of the Forensic Archaeology Expert Register and Panel (FAEP), Chartered Institute for Archaeologists (CIIfA), UK.
- Jennifer Miller, chair/academic lead of the Forensic Archaeology Expert Register and Panel (FAEP), Chartered Institute for Archaeologists (CIIfA), UK.

### **Workshop 2: “Jodapro - Improving Crime Scene Assessment: An Innovative and Pragmatic Approach” (Hall 1) (Hands-on workshop)**

- Kjeld Hendrik Helland-Hansen, Police Superintendent (CSI) West Police District, Norway.
- Kristil Håland, CEO, Jodatech AS, Norway.
- Bente Skattør, Senior Advisor ICT and Innovation, Police Professional Staff, Joint Unit for Investigation and Intelligence, Oslo Politidistrikt, Norway.

### **Workshop 3: “Basic differentiation criteria between Animal and Human Osteology” (Hall 2) (Hands-on workshop)**

- Iratxe Boneta Jiménez, Ph.D. Department of Prehistory and Archaeology, Autonomous University of Madrid (UAM)
- Corina Liesau von Lettow-Vorbeck, Ph.D., Professor of Prehistory, Department of Prehistory and Archaeology, Autonomous University of Madrid (UAM)

**16:30-17:00. Coffee Break**

**17:00-17:30. Conference Clousure**

- 17:00-17:10. EMFA 2024 venue presentation.
- 17:10-17:20. Award ceremony
- 17:20-17:30. Closing remarks

**17:30-18:00. Goodbye**



## KEYNOTE SPEAKERS



**HOWARD WAY, O.B.E.**

Director- DVI Resilience

**Disaster Victim Identification (DVI): Standards & Practice**



**DENNIS C. DIRKMAAT**

Ph.D., D-ABFA Chair, Department of Applied Forensic Sciences.

Dir., Graduate Program in Anthropology: Forensic and Biological Anthropology. Mercyhurst University, Erie, PA, USA.

**Forensic Archaeology, Forensic Taphonomy and the Outdoor Crime Scene**



**JUAN JAVIER PÉREZ PÉREZ**

Juez-Magistrado del Juzgado de Instrucción nº 11 de Madrid

**Criminal law and crime scene investigation in Spain**



**LUIS FONDEBRIDER**

Forensic Independent Consultant

**Forensic Archaeologist and Scene of Crime Officers (SOCOs), a complex relation**



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