

The **European Association for Forensic Entomology (EAFE)** was founded in 2002 and since then has organized an annual meeting between researchers and professionals in Forensic Entomology, defined as the use of insects and other arthropods in legal and / or judicial investigations. Although originally founded to establish a connection between the European community of forensic entomologists, the association today has numerous members and participants from both European countries and other continents, researchers, academics, forensics and members of the security forces. The annual congress usually has the participation of around 80 participants.

In addition, since 2015, the EAFE annual congress dedicates one day to the celebration of the **International Conference in Funerary Archaeoentomology (ICFAE)**, where the latest advances and research in the field of Funerary Archaeoentomology are presented, which studies the remains and traces of arthropods associated with archaeological remains in order to reconstruct burial practices or the circumstances of death in said contexts. ICFAE is held every two years (always within the annual EAFE congress) and is usually attended by 30–40 participants.

Both events will take place in the very special setting of the **University of Alcalá**, in Alcalá de Henares, Spain, declared a **UNESCO World Heritage City**, and birthplace of one of the greatest writers of all times, **Miguel de Cervantes**. We hope that all attendees will enjoy these two Congresses and our wonderful University.

We look forward to seeing you all.

Best regards,
The Organizing Committee

VENUE

Meeting Room
Colegio de San Ildefonso
University of Alcalá
Plaza de San Diego, s/n
28801 Alcalá de Henares (Madrid). Spain

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18.th Meeting of the EAFE (European Association for Forensic Entomology)
4.th ICFAE (International Conference in Funerary Archaeoentomology)

FORENSIC ENTOMOLOGY

JUNE 15-17, 2022

University of Alcalá
Alcalá de Henares (Madrid)
Spain

www.eafe2022.com

PROGRAM

Wednesday, June 15th, 2022

4th International Conference in Funerary Archaeoentomology (ICFAE)

- 08:30 Registration**
09:30 Welcome speech
Stefano Vanin. EAFE president
Daniel Martín-Vega. organiser
- 10:00 Keynote Speaker**
Atapuerca, a million and a half years of human history
Mercedes Conde. Universidad de Alcalá
- 10:50 ICFAE ORAL COMMUNICATIONS – SECTION I**
Chairman: Jean-Bernard Huchet
10:50 *The minimum number of individuals (MNI) in funerary archaeoentomology: a problem of sampling or a bigger issue?*
Stefano Vanin, Giorgia Giordani, Jennifer Pradelli, Giuseppina Carta
- 11:00 Tea and coffee break**
11:40 *The representation and symbolism of arthropods in the conceptions of death and burial practices across time and space.*
Lucie Merlaud, Nicolas Césard, Pauline Kirgis, Jean-Bernard Huchet
- 12:00 *2500 years ago, necrophagous insects in the Mongolian steppes.*
Lisa Richelmi, Jean-Bernard Huchet, Sébastien Lepetz
- 12:20 *Swaddled in textile burials? 3D tomography reveals ancient insects trapped in pre-Columbian funerary uncles.* Pauline Kirgis, Jean-Bernard Huchet, Christophe Bou, Lucía Watson, Andrew Nelson
- 12:40 Lunch break**
14:15 Poster sessions
15:00 ICFAE ORAL COMMUNICATIONS – SECTION II
Chairman: STEFANO VANIN
15:00 *Mortuary practices of the pre-Hispanic population of the Canary Islands via the funerary archaeoentomology evidence: The case of Cruz de la Esquina burial cave (Gran Canaria, c. 8 - 9th centuries AD).* Pedro Henríquez-Valido, Jacob Morales, Jonathan Santana-Cabrera, Amelia Rodríguez-Rodríguez, Jean-Bernard Huchet
- 15:20 *St. Paulinus of Trier, the blow fly *Chrysomya albiceps* and their 3000 km long joint post-mortem journey - an entomological trace analysis.* Jens Amendt, Michael Heethoff, Sebastian Schmelzle, Thomas Van De Kamp, Nicole Reifarth
- 15:40 *The lead sarcophagus of the French philosopher Michel de Montaigne (1533 ?1592), Archaeoentomologica study: first Essays.* Jean-Bernard Huchet, Lisa Richelmi, Héléne Réveillas
- 16:00 Tea and coffee break**
16:30 *State of the art of the funerary archaeoentomological investigations in Italy .* STEFANO VANIN, FABIOLA TUCCIA, GIORGIA GIORDANI, JENNIFER PRADELLI, GIUSEPPINA CARTA
- 18:00 EAFE Welcome Reception & ICFAE Closure Cocktail**

Thursday, June 16th, 2022

18th Meeting of the European Association for Forensic Entomology. DAY 1

- 08:30 Registration**
09:30 Welcome speech
Stefano Vanin. EAFE President
Esperanza Gutiérrez Redomero. Head of the IUICP–
University Institute for Research in Police Sciences
Daniel Martín-Vega. Organiser
- 10:00 Keynote Speaker**
Carrion Ecology: a story of interactions
Marcos Molen. Universidad de Granada

- 10:50 EAFE ORAL COMMUNICATIONS – SECTION I**
Chairman: Damien Charabidze
10:50 *Advances and current concepts in systematics of blow flies (Diptera: Calliphoridae)*
Krzysztof Szpila, Cristian Beza-Beza, Ezra Bailey, Brian Cassel, Andrzej Grzywacz, Nikolas P. Johnston, Kelly Meiklejohn, Aram Mikaelyan, Drashti Parmar, John Soghigian, James Wallman, Brian Wiegmann, Thomas Pape
- 11:10 Tea and coffee break**
11:40 *Molecular variability analysis of *Ophyra aenescens* (Wiedemann, 1830) and *Ophyra chalcogaster* (Wiedemann, 1824) (Diptera: Muscidae) in the neotropics: an exploratory analysis to infer post-mortem relocation*
Andrés F. Maya, Giovan F. Gomez, Andrés López, Luz Myriam Gómez-Piñerez
- 12:00 *Confocal microscopy for the morphological identification of small-sized entomological material for medico-legal purposes*
Kinga Walczak, Krzysztof Szpila, Tania Ivorra, Andrzej Grzywacz
- 12:20 *Identification of forensically important flesh flies (Diptera: Sarcophagidae) using wing measurements*
Krzysztof Szpila, Nikolas P. Johnston, Kamran Akbarzadeh, Adam Tofilski
- 12:40 Lunch break**
14:15 Poster sessions
15:00 EAFE ORAL COMMUNICATIONS – SECTION II
Chairwoman: Amoret Whitaker
15:00 *Sink or Swim? Exploring Aquatic Taphonomy in Southern England*
Lauren Chant, Kat Mccoy, Caitlin O'farrell, Helen Mcgonigal, Kat Brown
- 15:40 *Diversity, abundance, and successional pattern of insects on neonate pigs (*Sus scrofa domestica* L.) in the Western Cape Province of South Africa? a summer study*
Adeyemi Daniel Adetimehin, Calvin Gerald Mole, Devin Alexander Finaughty, Marise Heyns
- 16:00 Tea and coffee break**
16:30 EAFE ORAL COMMUNICATIONS – SECTION III
Chairwoman: Lavinia Iancu
16:30 *Spatial and temporal distribution of Calliphorinae (Diptera, Calliphoridae) in Britain*
Olga Sivell
- 16:50 *Fall decay slowdown in northern latitudes: merely a matter of cold?*
Chloé Losier, Denis Boudreau, Kathleen Leblanc, Jean-Philippe Michaud, Gaétan Moreau
- 17:10 Conclusions of the first day**
18:00 Alcalá City Guided Tour

Friday, June 17th, 2022

18th Meeting of the European Association for Forensic Entomology. DAY 2

- 08:30 Registration**
09:30 EAFE ORAL COMMUNICATIONS – SECTION IV
Chairman: Luc Bourguignon
09:30 *A comparison of the life cycle of two subspecies of *Musca domestica* (Diptera: Muscidae), and its application in forensic entomology*
Mónica Abellán, Anabel Martínez-Sánchez, María Ruano, Sílvia Vallés, Leticia Candy Roberts, Santos Rojo

- 09:50 *Blowflies reared in laboratory conditions from maggots collected on Rat (*Rattus norvegicus* Berkenhout, 1769, var *Wistar*) carrions in Yaoundé (Cameroon, Central Africa)*
Francis Dupont Feugang Youmessi, Philippe Bienvenu Nwane, Champlain Djijéto-Iordon, Yves Braet, Martin Villet, Charles Felix Bilong Bilong
- 10:10 *Developmental time and growth rate of an Iberian population of *Calliphora vicina* (Diptera: Calliphoridae) over a range of temperatures*
Jaime López-García, Blanca Cifrián, Luisa M. Díaz-Aranda, Arturo Baz, Daniel Martín-Vega
- 10:30 *The Effect of Burning and the Use of Ignitable Liquids on Insect Colonisation and Body Decomposition*
Luca Manelli, Amoret Whitaker, Keith Wilkinson, Dave Clements
- 11:10 Tea and coffee break**
11:20 EAFE ORAL COMMUNICATIONS – SECTION V
Chairwoman: Kat Brown
11:20 *Juvenile Hormone in Maggots: Could it be the New mPMI Indicator?*
Natasha Azmi Nur-Aliah, Razuini Rahimi, Sharaniza Ab-Rahim, Chong Chin Heo
- 11:40 *Larvae of *Lucilia sericata* (Meigen 1826) metabolise the benzodiazepine diazepam (Valium®) in a similar fashion as humans: Preliminary results of pharmacokinetic and developmental studies*
Olwen Groth, Susan Rahaus, Vera Höft, Alexander Straßberger, Matthias Graw, Martin Villet
- 12:20 *Thermogenesis in *Necrodes littoralis* L. (Coleoptera: Silphidae)*
Szymon Matuszewski, Anna Mađra-Bielewicz
- 12:40 Lunch break**
14:15 Poster sessions
14:50 EAFE ORAL COMMUNICATIONS – SECTION VI
Chairwoman: Jens Amendt
14:50 *Quantitative insights into *Salmonella enterica* dynamics throughout *Lucilia sericata* (Meigen) (Diptera: Calliphoridae) life stages*
Lavinia Iancu, Iulia Roxana Angelescu, Victoria Ioana Paun, Cristina Purcare
- 15:10 *Investigating changes in eye pigmentation as a means of determining the age of *Chrysomya chloropyga* (Wiedemann, 1818) (Diptera: Calliphoridae) pupae*
Wilmari Uys, Calvin Gerald Mole, Marise Heyns
- 15:30 *Liguria between France, Italy and China: Description of the entomofauna associated with bodies in a land betwixt the mountains and the sea*
Stefano Vanin, Giuseppina Carta, Giulia Bruscarino, Sara Lo Pinto, Giorgia Giordani, Antonella Di Palma
- 15:50 Tea and coffee break**
16:20 EAFE ORAL COMMUNICATIONS – SECTION VII
Chairman: Stefano Vanin
16:20 *An experimental study on buried pig carcasses in Hungary*
Csaba Bozó
- 16:40 *The more, the better? an analysis of daily routine work highlights the importance of case studies in forensic entomology*
Lena Lutz, Jens Amendt
- 17:00 Final discussion and closure of the meeting**
17:15 XVIII EAFE Annual General Meeting
18:00 University of Alcalá Guided Tour
21:00 Gala dinner (Registration required)