



SIMLA
Società Italiana di Medicina Legale e delle Assicurazioni
E DELLE SCIENZE FORENSI E CRIMINALISTICHE



JAPAN

VS

**EMILIA
ROMAGNA**

**Challenges in
Forensic Science Research**

December 16th, 2023



Save the date

Comparto di San Geminiano
Via San Geminiano 3
Modena

December 16th, 2023

Programme

9.00 *Registration*

9.30 *Opening ceremony*

Session 1

Chairpersons: Nicola Cucurachi, Margherita Neri

9.50 *Medico-legal aspect of myoglobin*

Satoru Miyaishi (Okayama - Japan)

10.10 *Morphological and SEM ultrastructural analysis, genetics and toxicology of fly artifacts*

Guido Pelletti (Bologna - Italy)

10.30 *Oxidative Stress Markers in human brain and placenta may reveal the timing of hypoxic-ischemic injury*

Alfieri Letizia (Ferrara - Italy)

10.50 *The diagnostic value of Multiphase post-mortem CT angiography in sudden death: what is the effect on histological investigations?*

Anna Laura Santunione (Modena - Italy)

11.10 *Discussion*

11.30 - 12.00 *Coffe break and Poster session*

Session 2

Chairpersons: Rossana Cecchi, Susi Pelotti

12.00 *Application of a biological clock-based method for estimating time of death in forensic practices*

Toshikazu Kondo (Wakayama - Japan)

12.20 *Forensic non-human species ID: relevance and pitfalls in animal and botanical DNA analysis*

Beatrice Corradini (Modena - Italy)

12.40 *Application of Forensic DNA Phenotyping for Prediction of Eye, Hair and Skin Colour in Highly Decomposed Bodies*
Matteo Fabbri (Ferrara - Italy)

13.00 *Discussion*

13.20 *Lunch*

Session 3

Chairpersons: Matteo Marti, Paolo Fais

14.30 *Contemporary challenges for forensic toxicologists: actual and potential research strategies of Modena and Reggio Emilia Laboratory*
Federica Palazzoli (Modena - Italy)

14.50 *Preliminary study on mass spectrometric analysis of rice-derived amino acids in artificial gastric juice for postmortem time estimation*
Takako Sato (Osaka - Japan)

15.10 *Research lines of the forensic toxicology laboratory of the University of Bologna*
Jennifer Pascali (Bologna - Italy)

15.30 *Diagnostic application of energy-dispersive X-ray fluorescence spectrometry (EDX) in case of drowning*
Hiroshi Kinoshita (Kagawa - Japan)

15.50 *Black box of diving accidents: contribution of forensic underwater experts*
Valentina Bugelli (Parma - Italy)

16.10 *The significance of measuring cortisol in hypothermia cases*
Tomoya Ikeda (Saga - Japan)

16.30 – *Discussion*

Poster exhibition: 9.30 - 17.00



Honorary President:

Enrico Silingardi - Modena (Italy)

Scientific Committee:

Rossana Cecchi - Modena (Italy)
Nicola Cucurachi - Parma (Italy)
Giovanna Laura De Fazio - Modena (Italy)
Paolo Fais - Bologna (Italy)
Rosa Maria Gaudio - Ferrara (Italy)
Francesca Ingravallo - Bologna (Italy)
Toshikazu Kondo - Wakayama (Japan)
Matteo Marti - Ferrara (Italy)
Margherita Neri - Ferrara (Italy)
Susi Pelotti - Bologna (Italy)
Anna Laura Santunione - Modena (Italy)

Organizing Committee:

Valentina Castagnetti - Modena (Italy)
Laura Donato - Rome (Italy)
Francesca Ferrari - Modena (Italy)
Denise Gianfreda - Modena (Italy)
Mariko Kawaguchi - Wakayama (Japan)
Elisabetta Lubian - Modena (Italy)
Carlotta Profeta - Modena (Italy)

Poster submission: please, send title and author to medlegmo@unimore.it

The event is free of charge.

*For organizational reasons,
please register via email to medlegmo@unimore.it*

Comparto San Geminiano

Via San Geminiano 3, Modena

How to get:

Bus from railway station

Bus route no. 7 towards Policlinico - Gottardi

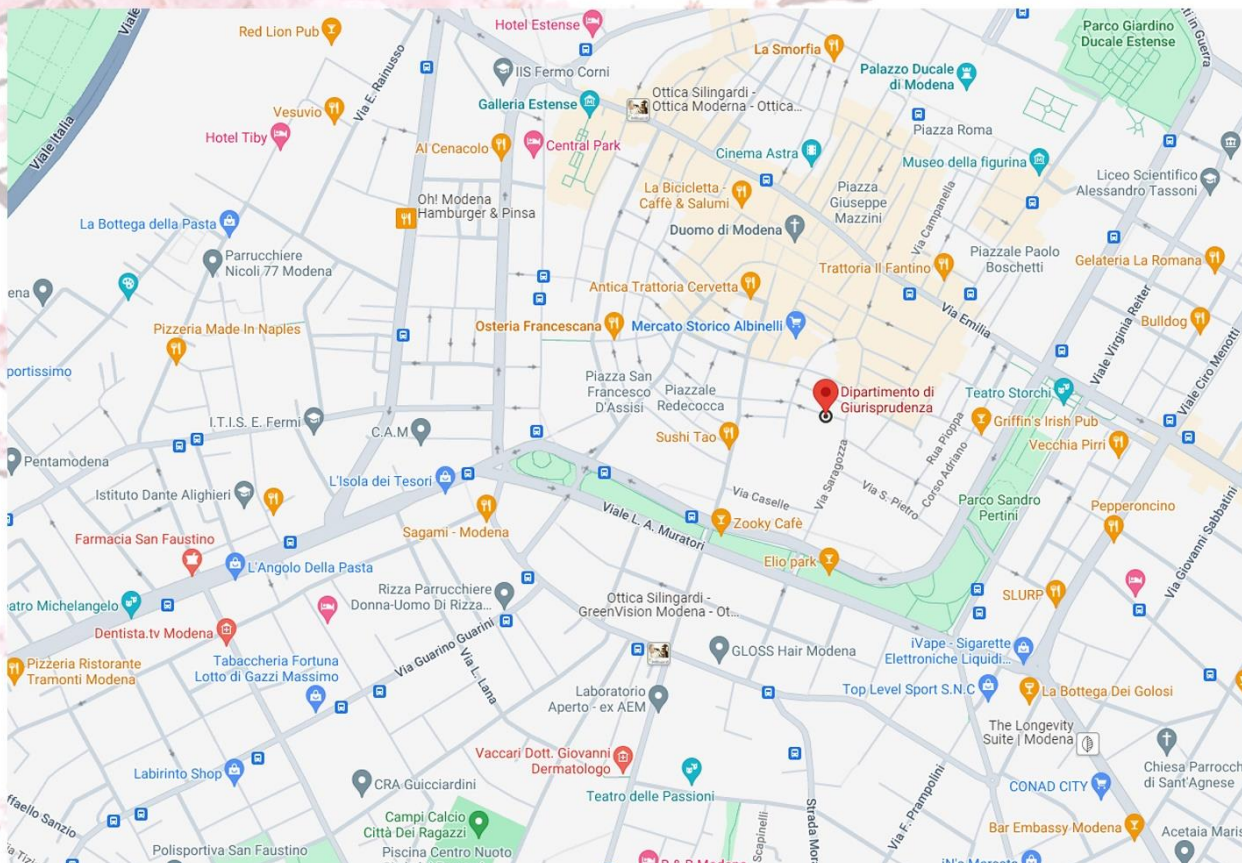
Get off at the eighth stop: Via Emilia Centro - POSTA, continue on foot along the portico of the Collegio S. Carlo until the intersection with Via S. Carlo and turn left. Continue along via Canalino. Go past the intersections with Via dei Servi and Via Carandini. Turn right onto Via San Geminiano. Continue until the entrance door located at number 3.

Bus route no. 11 direction Zodiac

Get off at the fifth stop: Corso Canalgrande junction Emilia Est, continue on foot along Corso Canalgrande and turn right onto Via Scarpa or the next Via Santissima Trinità. Turn left onto Via Canalino, continue and turn right onto Via San Geminiano. Continue until the entrance door located at number 3.

Bus route no. 4 direction Latina

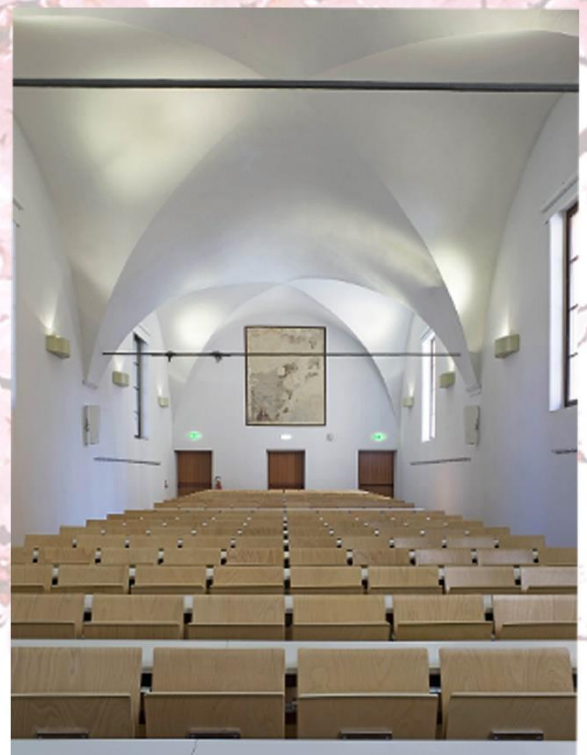
Get off at the fifth stop: Corso Canalgrande junction Emilia Est, continue on foot along Corso Canalgrande and turn right onto Via Scarpa or the next Via Santissima Trinità. Turn left onto Via Canalino, continue and turn right onto Via San Geminiano. Continue until the entrance door located at number 3.





Walking from railway station

Take: Via Giovanni Galvani
Turn left: Via Palestro
Turn right onto: Corso Vittorio Emanuele
Turn right: Corso Cavour
Take: Via 3 February 1831
Turn left: Piazza Roma
Continue onto: Via Luigi Carlo Farini
At the intersection with: Via Emilia Centro
continue along Via S. Carlo
Continue along Via Canalino
Go past the intersection with: Via dei Servi
and Via Carandini
Turn right onto: Via San Geminiano
Continue until the entrance door located at number 3.





Parking zone:

Parcheeggio del Centro:
Viale Achille Fontanelli 18,
Modena
24/7

Parcheeggio ex Mercato Ortofrutticolo
Via Vincenzo Borelli 90,
Modena
24/7

Parcheeggio Palazzo Europa
Via Emilia Ovest 145,
Modena
24/7

Parcheeggio Sant'Agostino
Largo Porta Sant'Agostino 325,
Modena
24/7

Parcheeggio piazza della Cittadella
Modena
24/7