

# MEETING PROGRAMME

## DAY 1 • 28 SEPT

## Fórum Eugénio de Almeida, Auditorium

**08h30** Reception of participants

**09h00** Opening session/report on MaSC workshop

09h30

**09h30** *Mass spectrometry for the characterization and identification*

*of proteins in samples from artistic and archaeological objects*

[Ilaria Bonaduce](#)

**10h30** Coffee Break

**11h00** *Binding media of Antique Mummy Portraits*

11h30

[Patrick Dietemann](#), Ursula Baumer, Elisabeth Fugmann, Luise Sand, Cristina Thieme

**11h30** *Mixed binding media in reverse glass paintings of Heinrich Campendonk*

12h00

[Ursula Baumer](#), Patrick Dietemann, Simone Bretz, Gisela Geiger

**12h00** *Specific and micro-scale identification of plant gums in works of*

*art using saccharide mass fingerprinting with MALDI-MS*

Clara Granzotto, [Ken Sutherland](#), Julie Arslanoglu

**12h30** Lunch

**14h00**

14h30

*The characterisation and identification of shellac resin by liquid chromatography techniques coupled with electron spray ionisation and mass spectrometry*

[Diego Tamburini](#), Joanne Dyer, Ilaria Bonaduce

**14h30**

15h00

*Xanthene dyes: a study on fragmentation patterns and degradation pathways in textiles*

[Francesca Sabatini](#), Roberta Giugliano, Ilaria Degano, Maria Perla Colombini

**15h00**

15h45

Poster teaser session

**15h45**

16h15

Coffee Break

*Mass spectrometry to investigate molecular degradation phenomena of modern oil paintings*

[Anna Lliveras-Tenorio](#), Jacopo La Nasa, Francesca Modugno, Ilaria Degano, Judith Lee, Bronwyn Ormsby, Klaas Jan van den Berg, Donatella Banti, Aviva Burnstock, Ilaria Bonaduce

**16h45**

17h15

*Modern paints: archives versus analyses*

[Nathalie Balcar](#)

**17h15**

17h45

*A methodological approach for the investigation of modern inks*

[Inez Dorothé van der Werf](#), Giulia Germinario, Luigia Sabbatini

**18h30**

19h00

Visit to the Évora Museum and wine reception

## DAY 2 • 29 SEPT

## Fórum Eugénio de Almeida, Auditorium

**09h00**

10h00

*Something is eating your object? Application of SPME-GC-MS method for the detection of active moulds on the historic objects*

[Tomasz Sawoszczuk](#)

**10h00**

10h30

*A New Approach to an Old Problem: Evaluating Pollutant Off-Gassing from Museum Construction Materials Using Evolved Gas Analysis with GC-MS*

[Gregory Dale Smith](#), Michael J. Samide, Cattie Liggett, Jericha T. Mill

**10h30**

11h00

*Mass spectrometry in the study of archaeological materials - selected case studies*

[Cristina Barrocas Dias](#), Ana Manhita, Anne-France Maurer

**11h00**

11h30

Coffee Break

**11h30**

12h00

*Assessing by Py-GC/MS the decontamination of archaeological bones cleaned using supercritical fluids prior to radiocarbon dating*

[Thibaut Devière](#), Erika Ribechini, Diletta Querci, Thomas Higham

**12h00**

12h30

*The application of LA-ICP-MS in the fingerprinting of raw materials: the examples of gold coinages and prehistoric ceramics*

[Benjamin Gehres](#), Maryse Blet-Lemarquand, Guirec Querré, Arnaud Suspène

**12h30**

13h00

*Slow Pyrolysis: Py-GC-MS Analysis Using a Lower Pyrolysis Temperature and a Slower Heating Rate*

[Jennifer Poulin](#)

**13h00**

13h30

Lunch

**14h30**

15h00

*An untargeted search for markers using AMDIS: Construction of a structured library of components present in artificially aged lacquer ingredients*

[Louise Decq](#), Wim Fremout, Frederic Lynen, Vincent Cattersel, Delphine Steyaert, Charles Indekeu, Emile Van Binnebeke, Steven Saverwyns

**15h00**

15h30

Guided tour "Casas Pintadas" Wall Paintings

**15h30**

16h00

Coffee Break

MaSC group meeting / Closing remarks

**16h00**

17h00

**19h30**

20h00

Conference Dinner (not included in the meeting fee)