

# MaSC 2019 Meeting Schedule

National Gallery of Canada

Thursday, June 6, 2019

9:00	Welcome, registration, coffee
9:30	Opening remarks
10:00	Workshop review
<i>Session 1: Cellulosic materials</i>	
10:30	<u>Na Yao</u> Characterization and identification of Chinese traditional handmade papers by using Py-GCMS
10:55	<u>Michael Schilling</u> Wood species identification using TD-GCMS
<i>Poster lightning talks</i>	
11:20	8 short poster presentations
12:00	lunch/poster break
<i>Session 2: Volatiles &amp; extractables</i>	
1:30	<u>Anna Micheluz</u> Challenges in characterization of 3D cellulose nitrate objects by EGA-MS and TD/Py-GCMS
1:55	<u>Jacopo La Nasa</u> Selected ion flow tube-mass spectrometry (SIFT-MS) in heritage science: non-invasive VOCs profiling of natural and synthetic resins
2:20	<u>Jonas Veenhoven</u> GCMS identification of de-polymerized leachable molecules in organic solvent extracts from unaged and artificially light aged Asian lacquer films for evaluating cleaning procedures
2.45	coffee/poster break
<i>Session 3: GCMS data interpretation strategies</i>	
3:35	<u>Louise Decq</u> European lacquer in context: strategies to find resin markers and application on historical objects
4:00	<u>Henk van Keulen</u> ESCAPE to reality: qualitative results quantified
4:25	<u>Václav Pitthard</u> Art of chromatography – chromatography in art
5:00 – 7:00	Reception at NGC

Friday, June 7, 2019

*Session 4: GCMS derivatisation strategies*

- 9:00 Eliise Tammekivi Quantitative analysis of binders in cultural heritage objects
- 9:25 Dario Durastanti Chilkat robe dye analysis by GCMS to identify historical dye sources
- 9:50 Kate Fulcher Approaches to the analysis of complex black liquids applied to ancient Egyptian coffins
- 10:15 coffee/poster break

*Session 5: Protein analysis*

- 10:45 Tania Oudemans Blood or no blood? Identifying 2000-year-old protein remains on ancient ceramics using various MS techniques
- 11:10 Clara Granzotto Animal glue and beyond: palaeoproteomic analysis of paint binders and adhesives in ancient Egypt
- 11:35 Francesca Galluzzi Study of protein crosslinking in art paintings using high resolution mass spectrometry
- 12:00 lunch/poster break

*Session 6: Oil and tempera paints*

- 1:30 Patrick Dietemann Fluidising dripping oil paints on two paintings by Nikolaus Moser
- 1:55 Corina Rogge Go fish: the menhaden and 'Manhattan style' house paints
- 2.20 Klaas Jan van den Berg Mass spectrometric analysis of Royal Talens' oil and tempera paints 1920-1950
- 2:45 coffee

*MaSC Business Meeting*

- 3.15 ESCAPE follow up from Évora 2017 Workshop
- 3.30 MaSC business and discussion
- 4:30 CLOSE

## MaSC 2019 poster presentations

“The Birdnester”: technological research on Peter Bruegel’s panel painting

*Sabine Stanek, Václav Pitthard, Katharina Uhlir, Martina Griesser, Elke Oberthaler, Ingrid Hopfner and Georg Prast*

Disclosing the complexity of triarylmethane formulations through the use of liquid chromatography and high resolution mass spectrometry

*Francesca Sabatini, Ilaria Degano and Maria Perla Colombini*

Comparative chemical investigations of alum treated archaeological wood from different museum collections

*Jeannette Jacqueline Łucejko, Malin Sahlstedt, Caitlin M. A. McQueen, Francesca Modugno, Susan Braovac and Maria Perla Colombini*

Analysis of archaeological pitch using GCMS and flow injection analysis-high resolution tandem mass spectrometry (FIA-ESI-Q-TOF)

*Jacopo La Nasa, Federica Nardella, Marta Giani, Flora Silvano, Maria Perla Colombini and Erika Ribechini*

Synthetic polymers in heritage objects: multi-pyrolysis based techniques to investigate polyurethane foams in 1960s sculptures

*Jacopo La Nasa, Francesca Sabatini, Greta Biale, Ilaria Degano, Maria Perla Colombini and Francesca Modugno*

Examination of archaeological Asian lacquered wooden objects by Py-GCMS

*Kamilla B. Kalinina, Marina V. Michri, Marina V. Guruleva and Nikolay N. Nikolaev*

Matrix-assisted laser desorption ionisation-mass spectrometry (MALDI-MS) for the characterization of plant gums in works of art: new developments and applications

*Amra Aksamija, Clara Granzotto and Ken Sutherland*

Coptic manuscripts at The Morgan Library & Museum: revealing the impact of conservation treatments by LCMS

*Federica Pozzi, Elena Basso, Julie Arslanoglu, Francesca Galluzzi, Caroline Tokarski, Maria Fredericks and Frank Trujillo*