

Science in Cultural Heritage

Interdisciplinary thinking

Begin 17.10.2024, 15:00 - 16:45

Every Thursday 15:00 - 16:45

Contact: clarimma.sessa@tum.de

[https://tum-conf-zoom-](https://tum-conf.zoom-x.de/j/65101540823?pwd=YUhwWwwTnJKTIpwMHFIYWFaNGdsQT09)

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Meeting ID: 651 0154 0823

Passcode: 139432

Seminar organized by the Chair of Conservation-Restoration, Art Technology and Conservation Science in collaboration with the Chair of Non-destructive Testing, TUM

PROGRAM

- 17th Oct. Introduction to the seminar. **Dr. Clarimma Sessa** - Heritage Scientists at the Chair of Conservation- Restoration, Art Technology and Science, TUM.
- 24th Oct. **Dr. Bronwyn Ormsby**. Principal Conservation Scientist, Conservation Science and Preventive Conservation, TATE Britain. Topic: Research into practice: conservation treatment research case studies at TATE.
- 31th Oct. **Dr. Clarimma Sessa** - Heritage Scientists, Chair of Conservation- Restoration, Art Technology and Science, TUM. Topic: The complementary use of Visible-induced Luminescence Imaging and Macro-X-ray Fluorescence for identifying and mapping Egyptian blue on Roman wall painting.
- 7th Nov. **Dr. Clarimma Sessa** - Heritage Scientists, Chair of Conservation- Restoration, Art Technology and Science, TUM. Topic: "The use of Non-destructive analytical techniques in Cultural Heritage studies. Experience and current projects of the insiTUMlab, new analytical infrastructure for non-destructive in-situ studies of Cultural Heritage.
- 14th Nov. **Dr. Camilla Tartaglia**, Assistant Scientist, Science, Getty Conservation Institute, USA. Topic: Scientific investigation of contemporary mural.
- 21th Nov. **Prof. Dr. Michael Steiger**, University of Hamburg, Institut für Anorganische und Angewandte Chemie. Topic: Saluble salts and damage mechanisms in building materials and cultural objects.
- 28th Nov. **Dr. Maris Bauer**, Researcher, Fraunhofer-Institut für Techno- und Wirtschaftsmathematik ITWM. Topic: Terahertz and Cultural Heritage studies.
- 5th Dec. **Prof. Dr. Laura Fuster López**, Universitat Politecnica de Valencia. Topic: Mechanics of damage in artists' materials and related conservation strategies/decisions.
- 12th Dec. **Prof. Dr. Katrien Keune**, head of Science at the Rijksmuseum Amsterdam and professor by special appointment of Molecular Spectroscopy at the University of Amsterdam (UvA), Netherlands. Topic: Preservation of Cultural Heritage: towards a sustainable future.
- 19th Dec. **Dr. Natalia Macro**, Research Scientist at the National Gallery of Ireland. Topic: The role of conservation science in a national gallery of Dublin.
- 9th Jan. **Dr. Marco Valente Chavez Lozano**, Postdoctoral Scholar in Residence, Conservation Science Department, Deutsches Museum. Topic: The JPI-CH PROCRAFT project: innovative coatings for the protection of WWII aircraft.
- 16th Jan. **Dr. Matea Urbanek**, Materialprüfungsanstalt Universität Stuttgart, Abteilung F&E im Bauwesen, Referat Klima, Komfort, Schadstoffbelastung. Topic: Using the ciliate *Coleps hirtus* to engineer bio-based strengtheners for preservation of carbonate stone.
- 23th Jan. **Prof. Dr. Francesca Caterina Izzo**, Associate Professor, Ca' Foscary University of Venice. Topic: The materiality of street art.
- 06th Feb. Seminar's Sum Up. Open discussion with the students and tour of the insiTUMlab. **Dr. Clarimma Sessa** - Heritage scientist at the Chair of Conservation-Restoration, Art Technology and Conservation Science.