

**FUTURE TALKS
023**

**MATERIALS MATTER.
COLD AND CURRENT
CASES IN THE
CONSERVATION OF
THE MODERN**

**NOVEMBER
08/10 2023**

**DIE NEUE SAMMLUNG
THE DESIGN MUSEUM**

PROGRAM

WEDNESDAY NOVEMBER 08.2023

08:00 – 09:30 | CET | **REGISTRATION** |

09:30 – 10:00 | CET | **WELCOME** |

Angelika Nollert, Die Neue Sammlung, The Design Museum, Munich, Germany
Tim Bechthold, Die Neue Sammlung, The Design Museum, Munich, Germany

PLASTIC PROJECTS

10:00 – 10:25 | CET | **LECTURE** |

Smelly Plastics. A new method to capture off-gassing plastic smells in museum collections.
Carien van Aubel, Olivia van Rooijen, Henk van Keulen, Suzan de Groot
Cultural Heritage Agency of the Netherlands (RCE), Amsterdam, The Netherlands

10:25 – 10:50 | CET | **LECTURE** |

Remaining wordless: bridging the gap in describing the degradation.
Grazia Cavanna, Marianna Cappellina, Francesca Olivini, Claudia Porta, Davide Riggiardi, Ilaria Sacconi, Antonio Sansone
CESMAR7, Reggio Emilia, Italy / Museo Nazionale della Scienza e della Tecnologia, Milano, Italy / ISPC Istituto di Scienze del Patrimonio Culturale -CNR, Milano, Italy

10:50 – 11:00 | CET | **LECTURE** |

German democratic plastics in design: A research project on material, technology, and conservation.
Anna Lagana, Tim Bechthold, Michael Doutre, Helena Ernst, Ester Ferreira, Tom Learner, Christine Rank, Friederike Waentig
Die Neue Sammlung, Munich, Germany / Getty Conservation Institute, Los Angeles, USA / TH Cologne, Germany / Wende Museum, Los Angeles, USA

11:00 – 11:20 | CET | **LECTURE** |

Plastics in design: Evaluation of portable IR instrumentation for in-situ collection survey.
Friederike Waentig, Ester S.B. Ferreira
TH Cologne, Germany

11:20 – 11:40 | CET | **LECTURE** |

Gardeneggs and sandmans. A closer look to PUR hardfoam and soft PVC objects.
Nora Stanislawski, Domenika Marks
TH Cologne, Germany

11:40 – 12:10 | CET | **QUESTIONS + ANSWERS** |

12:10 – 12:40 | CET | **COFFEE** |

POLYURETHANE ELASTOMERS I PART 1

12:40 – 13:05 | CET | **LECTURE** |

Cold case: The dramatic life of a polyurethane ester vase.
Suzan de Groot, Anna Laganá, Thea van Oosten, Henk van Keulen
Cultural Heritage Agency of the Netherlands (RCE), Amsterdam, the Netherlands / Getty Conservation Institute (GCI), Los Angeles, USA

13:05 – 13:30 | CET | **LECTURE** |

*Further investigations into the degradation of polyurethane elastomers:
A case study of soft sculptures by Hella Jongerius in MoMA's collection.*
Kyna Biggs, Soon Kai Poh, Catherine H. Stephens, Tina March, Caitlin Richeson, Lynda Zyberman
The Museum of Modern Art (MoMA), New York, USA

13:30 – 13:55 | CET | **LECTURE** |

Nobody's armchair by Gaetano Pesce: adhesion of fractured polyurethane resin.
Alessandra Bassi, Tommaso Poli, Anna Piccirillo, Luca Avataneo, Daniela Margaria, Cristiana Piazza, Amalia Nani, Noemi Firriolo, Marianna De Rossi
Venaria Reale, Turin, Italy / University of Turin, Italy

13:55 – 14:20 | CET | **QUESTIONS + ANSWERS** |

14:20 – 15:30 | CET | **LUNCH** |

WEDNESDAY NOVEMBER 08.2023

POLYURETHANE ELASTOMERS I PART 2

15:30 – 15:55 | CET | LECTURE |

Remember, no light, no water, and no food after midnight. What to do with ageing Gremlins?

Rebecca Ploeger, Sophie Hunter, Rio Lopez

SUNY Buffalo State, Buffalo, USA / Academy Museum of Motion Pictures, Los Angeles, USA

15:55 – 16:20 | CET | LECTURE |

Replication as a conservation strategy: Preserving rubber elements of 'In Respite' by Louise Bourgeois.

Sophia Zehnder, Martina Pfenninger Lepage

Academy of Fine Arts, Bern Switzerland

16:20 – 16:45 | CET | LECTURE |

The ethics and effectiveness of non-traditional conservation techniques in the sneaker community.

Mark Kearney, Jill Pliitnikas

Canadian Conservation Institute Ottawa, Canada

16:45 – 17:10 | CET | LECTURE |

Reflections on communicating restoration techniques for commercially-produced fashion items to conservators in-training.

Natalya Swanson

San Francisco Museum of Art, USA

17:10 – 17:40 | CET | QUESTIONS + ANSWERS |

17:40 – 18:10 | CET | 2 MINUTES SPEED POSTERSESSION = 15 TALKS |

Details see below.

DESIGNERS TALK

18:10 – 18:55 | CET | KEYNOTE |

Dynamic fabrics.

Ursula Wagner

Textile designer, Murnau, Germany

THURSDAY NOVEMBER 09.2023

RUBBERS

09:00 – 09:25 | CET | LECTURE |

First experimental dives, the conservation of Captain Cousteau's rubber diving suit.
Francois Duboisset, Sylvie Ramel
Paris, France

09:25 – 09:50 | CET | LECTURE |

Natural rubber in art: The extreme case of the hands of Nanni Balestrini.
Paola Iazurlo, Dorian Greco, Ludovica Ruggiero, Giancarlo Sidoti
Istituto Centrale per il Restauro (ICR), Rome, Italy

09:50 – 10:15 | CET | LECTURE |

Preserving a crumbling reliquary of California Feminism
Melissa Huddleston, BJ Farrar, Ann Svenson, Rachel Rivenc
Getty Research Institute, Los Angeles, USA

10:15 – 10:40 | CET | LECTURE |

Accepting impermanence? The conservation of an artwork by Heidi Bucher.
Martina Pfenninger Lepage, Alexia Armbruster, Sophie Berger, Zoé Brändle, Anita Hoess
Bern Academy of Fine Arts, Bern Switzerland

10:40 – 11:10 | CET | QUESTIONS + ANSWERS |

11:10 – 11:40 | CET | COFFEE |

SYNTHETIC SURFACES

11:40 – 12:05 | CET | LECTURE |

The ticket booths from 1972 in the Olympic Sports Facilities Munich.
Conservation and maintenance strategies to preserve historic transparent acrylics in situ.
Susanne Brunner
Technische Universität München, Munich, Germany

12:05 – 12:30 | CET | LECTURE |

Conserving a poly (methyl methacrylate) thermoformed sculpture: methods, materials and studies for a suitable "coating" for PMMA.
Eleonora Cervelli, Paola Iazurlo, Giancarlo Sidoti, Natalia Macro
Istituto Centrale per il Restauro, Rome, Italy

12:30 – 12:55 | CET | LECTURE |

New perspective on plastics cleaning: Assessing the impact of laser cleaning on cellulose acetate.
Francesca Azolini, Katherine Curran, Simoni Da Ro, Daren Caruana, Adam Gibson
University College London, UK / University of Warwick, Coventry, UK

12:55 – 13:25 | CET | QUESTIONS + ANSWERS |

13:25 – 15:00 | CET | LUNCH |

THURSDAY NOVEMBER 09.2023

CONVERSATION

15:00 – 16:00 | CET | SPEED MENTORING SESSION + COFFEE |

FOAMS AND SPONGES

16:00 – 16:05 | CET | POSTER I

Methylcellulose foams: different foaming and drying methods and possible applications in the field of conservation-restoration.
Stefanie Bründler, Sophie Bunz, Magdalena Ritler, Karolina Soppa
Bern Switzerland

16:05 – 16:10 | CET | POSTER I

*Stabilization of rigid non-polar flakes of paint layer with liquid adhesive foam:
Adhesion of methylcellulose A4M- versus Plextol D498-foam.*
Alina Schmid, Karolina Soppa, Eva Krug von Nidda
Academy of Fine Arts, Bern Switzerland

16:10 – 16:55 | CET | DESIGN KEYNOTE I

Mechanical metamaterials inspired by soft marine sponges.
Axel Thallemer, Aleksandar Kostadinov, Fabian ONG, Alex TEO, Abel FAM
National University of Singapore

16:55 – 17:10 | CET | QUESTIONS + ANSWERS |

INNOVATIONS? – MATERIALS MATTER

17:10 – 17:35 | CET | LECTURE I

Melbourne Now: An exhibition of local innovations.
Janelle Borig
The National Gallery of Victoria, Melbourne, Australia

17:35 – 18:30 | CET | INNOVATIVE MATERIAL PANEL |

Designer, engineers, and conservators in dialogue on 'innovative' material development

CELEBRATION

19:30 - 01:00 | CET | EVENING RECEPTION I

FRIDAY NOVEMBER 10.2023

CHALLENGES OF REMAKING

09:00 – 09:25 | CET | LECTURE |

Making and remaking the design icon: The Blow Chair.

Sarah Barack, Jessica Walthew

Cooper Hewitt Smithsonian Design Museum, New York; USA

09:25 – 09:50 | CET | LECTURE |

The imagery of chess: Investigating cloudy formations in translucent colored PMMA chess sets designed by Isamu Noguchi.

Gabrielle Crowther, Eric Breitung, Larry List

New York, USA / Metropolitan Museum of Art, New York, USA

09:50 – 10:15 | CET | LECTURE |

Originally temporary – now preserved for the future?

Challenges in reconstructing a walk-in outdoor sculpture of glass-fiber reinforced polyester resin.

Susanne Kensche

Kröller Müller Museum, Otterlo, The Netherlands

10:15 – 10:45 | CET | QUESTIONS + ANSWERS |

10:45 – 11:15 | CET | COFFEE |

THRILLING COMBINATIONS

11:15 – 11:40 | CET | LECTURE |

It's just dope: The conservation of an opera stage curtain designed by Marc Chagall.

Katie Sabo

New York, USA

11:40 – 12:05 | CET | LECTURE |

Black tears on a black and white wooden sculpture by Nicholas Pope: Resin bleed and problem analysis.

Welmoed Kreb, Tirza Mol, Sanneke Stigter, Marcel van der Sande, Paul van Duin

University of Amsterdam / Rijksmuseum Amsterdam / Kröller Müller Museum, Otterlo, The Netherlands

12:05 – 12:30 | CET | LECTURE |

Systematic approach for analysis, plasticization, and re-adhesion of complex material mixtures of a concave elevated monochrome paint.

Carla Helmrich, Karolina Soppa, Stefan Zumbühl

Academy of Fine Arts, Bern Switzerland

12:30 – 13:00 | CET | QUESTIONS + ANSWERS |

13:00 – 14:30 | CET | LUNCH |

FRIDAY NOVEMBER 10.2023

COLD CASES

14:30 – 15:05 | CET | 5 MINUTES SPEED LECTURES I

A protective cellulose acetate hood of a Philco Predicta television.

Thijs Janssen
Maastricht, The Netherlands

MAA chair, what has happened in 13 years after the conservation of rubbers?

Francois Duboisset
Paris, France

Reviewing cellulose nitrate lacquers. Möbel Deutscher Wertarbeit. (working title)

Julia Demeter
Die Neue Sammlung – The Design Museum, Munich, Germany

Darren Almond's Timescape 00:30, 2016; reflecting on a large-scale agarose gel treatment of a water-sensitive painted surface.

Julia Nagle
New York, USA

scCO₂ as a carrier for the consolidation of polyurethane (PUR) foams: an alternative to traditional methods.

Ines Soares
NOVA University Lisbon, Portugal

A decade of decomposing material - revisiting biobased plastic polylactide in archive.

Patricia Haniman
Academy of Fine Arts, Bern Switzerland

Tube, Dixon and Co. And how are your elderly patients doing?

Tim Bechthold
Die Neue Sammlung – The Design Museum, Munich, Germany

15:05 – 15:35 | CET | QUESTIONS + ANSWERS |

DESIGNERS TALK

15:35 – 16:15 | CET | KEYNOTE | on request

Fly me to the moon. The development of an electric flying suit (working title)

Konstantin Landuris
Industrial Designer, Munich, Germany

FAREWELL

16:15 - 18:00 | CET | APERO |

POSTERSESSION

1

| 2 MINUTES | POSTER |

SBMK Project Collection Knowledge 2.0 / Photography:

Research, dissemination, and consolidation of specialist knowledge in preservation to save color photographic collections.

Paulien t'Hoen, Kayleigh van der Gulik, Magdalena Pilko, Clara von Waldthausen

SBMK (Foundation for the Conservation of Modern Art), s'Hertogenbosch, The Netherlands

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| 2 MINUTES | POSTER |

Illuminating the path forward: Collaboratively developing guidelines for conserving neon artworks and sign.

Ellen Moody, Taylor Healy

Getty Conservation Institute, Los Angeles, USA / Art Institute of Chicago, USA

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| 2 MINUTES | POSTER |

An investigation into the narrative: The documentation and care of Jenny Holzer's 1993 artist intervention of the Empire Style Biedermeier exhibition at the MAK – Museum of Applied Arts, Vienna.

Taylor Hinojosa-Hayes

A...kademie der bildenden Künste Wien, Vienna, Austria

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| 2 MINUTES | POSTER |

Oh no, not blooming again!

Assessing the influence of storage conditions in the reappearance of blooming on TPU coated fabrics.

Joana Tomás Ferreira, Cristiana Damas, Madalena Carita, Inês Correia, Eline van der Velde, Kim Verkens and Susana França de Sá

NOVA University Lisbon, Portugal / MUDE - Museu do Design e da Moda, Lisbon, Portugal, Fashion Museum of Antwerp, Belgium

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| 2 MINUTES | POSTER |

Evaluation of physical and chemical markers for degradation of historical cellulose acetate and regenerated cellulose textiles.

Louise Garner, Daren Caruana, Katherine Curran

UCL Institute for Sustainable Heritage, London, UK / UCL Department of Chemistry, London, UK

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| 2 MINUTES | POSTER |

Field studies of new adsorbents for the capture of pollutants in cultural heritage environments.

Romain Bordes

Chalmers University of Technology, Gothenburg, Sweden

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| 2 MINUTES | POSTER |

A long-term concept for the inflatable tubes of the 'Iuventa' rescue boat.

Charlotte Holzer, Peter Hanickel, Benedikt Funke

Deutsches Museum, Munich, Germany / Münchner Rückversicherung, Munich, Germany

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| 2 MINUTES | POSTER |

A role model for eternity? Or just a short-lived idol?

Challenges in the conservation of design models from the Braun AG at the Museum Angewandte Kunst Frankfurt / Main.

Katja Franziska Siebel

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| 2 MINUTES | POSTER |

Aging properties of painted PMMA and PVC plastic surfaces.

Ieva Soprane

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| 2 MINUTES | POSTER |

Design your conservation material. Challenges in the development of 3D printable filling materials.

Benedictus van Oudheusden

University of Applied Sciences Bern, Switzerland

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| 2 MINUTES | POSTER |

The restoration of a kinetic polymateric sculpture made of (partially burnt) PUR foam, PMMA and electro-mechanical components by Saverio Ungheri, 1978.

Claudia Sensini

Academy of Fine Arts of Bologna, Italy

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| 2 MINUTES | POSTER |

Keeping up appearances – The future display of analog slide-based artworks.

Kim Kraczon, Sanneke Stigter, and Evelyne Snijders

University of Amsterdam, The Netherlands

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| 2 MINUTES | POSTER |

Restoration of a 'kinetic painting' with electric light by Giorgio Giusti.

Adriano Borelli

Open Care S.p.A., Milan, Italy

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| 2 MINUTES | POSTER |

Anti Graffiti Coatings (Working title)

Denise Madsack

Akademie der Bildenden Künste, Stuttgart, Germany