

Plastics in Modern Movement Interiors. Conservation and (re-)design of plastic Finishes, Furniture and Products.

DOCOMOMO ISC/Interior Seminar - 5.-9. March 2018

The built environment, architecture and its interiors and consumer products have gone through different periods in history which had often been dominated by specific materials and their production and construction requirements. The 20th century built environment has been widely influenced by the use of plastic – in specific in interiors and even more for our daily consumer products. Conference, excursion and workshops aim to raise the sensibility of young researchers and designers and of restoration and heritage professionals towards the use, conservation and recycling of plastic in the context of circular economy approaches. The program will provide a theoretical and historical and as well as practical input in an interdisciplinary context.

Through its International Specialist Committee on Interior (ISC/I), the International Working party for the Documentation and Conservation of buildings, sites and neighbourhoods of the Modern Movement DOCOMOMO therefore takes the initiative to bring together knowledge and expertise in a combined effort to address the conservation and repair of plastic interiors, finishings and objects in modern architectural heritage and to show design potentials and future developments of the material.

A one-day international seminar focussing on the interiors and interior applications such as finishings and objects will take place on Monday March, 5th, 2018, at the Faculty of Design Sciences at UAntwerp, Belgium. The programme will feature a.o. architectural historians, interior and heritage specialists, designers, material scientists, art conservators, consultants and practitioners. It will offer discussion and networking.

A one-day excursion to various relevant sites is scheduled for Tuesday March 6th, 2018 will take place to Brussels.

A three-day workshop for PhD, Master and Bachelor is open and free for students who attended the seminar and excursion.

Seminar Date & Fee: March 5th; regular: € 30,-, students: € 15,-

Excursion Date & Fee: March 6th; regular: € 30,-, students: € 15,-

Workshop Date & Fee: March 7th - 9th; regular: € 30,-, students: free.

Registration for all events is necessary. Participants and students will receive a certificate of participation. To register for the workshops, the participation at seminar and excursion is required!

Registrations: <https://www.uantwerpen.be/nl/faculiteiten/ontwerpwetenschappen/index-de-kijker/plastics-in-interiors/>

Location: UAntwerp, Faculty of Design Sciences, Mutsaardstraat 31 - 2000 Antwerpen

Contact: Elke.Lingier@uantwerpen.be

This seminar is following on a seminar of the **building** applications of synthetic materials in 20th Century historic buildings that was organised at October 23rd, 2017, at the Faculty of Architecture and the Built Environment at TU Delft, the Netherlands, entitled '**Plastics in Modern Movement Buildings. Conservation and (Re-)design of Synthetic Building Components**'.

Seminar Program, March 5, 2018 Antwerp, Faculty of Design Sciences, aula K1.6 (Dieperik)

- 9.00 Greetings
Nathalie VALLET (Vice-Dean Faculty of Design Sciences)
- 9.05 Words of Welcome
Zsuzsanna BÖRÖCZ (Co-Chair DOCOMOMO ISC/Interior)
Uta POTTGIESSER (Chair DOCOMOMO ISC/Technology)
- 9.15 Opening Adress
Ana TOSTOES (Chair Docomomo International)

Plastic History

Session Chair: *Zsuzsanna BÖRÖCZ, UAntwerp, Docomomo Belgium and International*

- 9.20 The "Plasticarium": Collecting Design History
Arnaud BOZZINI, ADAM, Brussels
- 10.00 Modern Plastic Interiors and their Products:
examples from MUDE and Portugal Design
Bárbara COUTINHO, MUDE, Lisbon
- 10.40 Plastic Goods in Postwar Belgium
Nina SERULUS, VAI, Antwerp

- 11.15 Coffee break

Plastic Heritage

Session Chair: *Marieke JAENEN, UAntwerp, ICOMOS Belgium*

- 11.45 Plastic Finishes in Interiors
Nick SERNEELS, UAntwerp
- 12.15 Conservation Approaches of Plastics in Interiors
Griet KOCKELKOREN, KIK-IRPA, Brussels / Friederike WÄNTIG, TH Cologne
- 12.45 Lunch break

Plastic Design

Session Chair: *Wessel de JONGE, TU Delft, Docomomo Netherlands and International*

- 14.00 Design with Plastics in a Circular Economy
Karine Van DOORSSELAER, UAntwerp
- 14.30 Recycling-Upcycling-Re-use: Melaminated Panels
Lyonel DEVLIEGER, ROTOR, Brussels
- 15.00 Advanced Architectural Approaches with Plastic
Alexandre DUBOR, IAAC, Barcelona
- 15.30 Coffee break

Plastic Future

Session Chair: *Uta POTTGIESSER, UAntwerp, Docomomo Germany and International*

- 16.00 Looking into the Future of Polymers
Christos LECOUCU / Niklas MEINE, Covestro, Leverkusen / Antwerp
- 16.30 Bioplastic Polymers
Steven SCHUIITEMA, FKUR Polymers GmbH, Venlo
- 17.00 Innovation in Times of a Circular Economy
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- 17.30 Discussion and Reception

Excursion Program, March 6, 2018

- 09.00 Bus departure to Brussels
11.00 ADAM, Brussels
Address: Place de Belgique 1, 1020 Brussels
- 13.30 Lunch Break
- 14.30 CDH Centre Démocrate Humaniste
Address: Rue des Deux Eglises 41 / Tweekerkenstraat 41, 1000 Brussels
- 16.30 ROTOR, Brussels
Address: Rotor asbl/vzw, Rue Prévinaire 58, 1070 Brussels

The program of the excursion could be subject to change.

Student Workshop Program, March 7-9, 2018

In the 20th Century and especially after WWII many kind of plastics – elastics, thermoplastic and thermosets – have been developed most of them based on petroleum. Next to being a cultural witness of post-war culture the use of plastic has evolved from its specific properties such as low density that enables lightness and insulation and its modifiability that allows for meeting very specified requirements. Today, buzz words of the 21st Century like sustainability, recycling and life cycle assessment (LCA) and circular economy increase our awareness and concerns about how to deal with and treat existing materials and products. Bio-plastics produced with natural and recycled components offer alternatives for new designs and future environments.

Wed 7th 9.00-10.30 – Introduction to Plastic (all students)

Location: Faculty of Design Sciences, Department Product Development
Karine van Doorselaer: How to recognize plastic?

Wed 7th - Fri 9th - Workshop Heritage, Conservation and Restoration

Location: Faculty of Design Sciences, Department ARIAS
Michael Ghyoot, Rotor: Recycling-Upcycling-Re-use of Melamin Surfaces (2 days)
Location: Laboratories Conservation and Restoration, Department Heritage Studies
Marieke Verboven (C&R), UAntwerp

The workshop has two parts: day 1+2 lead by Rotor will make use of old melamin panels (Trespa) and use them for upcycling purposes to design furniture or other products. Day 3 will give an insight into conservation principles for different plastic surfaces.

Wed 7th - Fri 9th – Workshop Upcycling for Workplace Interventions

Location: Faculty of Design Sciences, Department ARIAS
Evy PUELINCKX, upcycling consultancy and design / UAntwerp
Critics: Bart BACCARNE, Baccarne Design, Mechelen and
Rebecca HEIL / Christos LECOUCOU / Niklas MEINE, COVESTRO, Leverkusen/Antwerp

The workshop will make use of PU-foams (e.g. old mattresses) in an upcycling process and demonstrate with 1:1 interventions on campus how they can be used to improve the workspaces and communication on Campus Mutsaard.

Open Campus Day, March 10, 2018

Public Exhibition of the workshop results in the faculty buildings.