

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. To register for the workshops, the participation at seminar and excursion is required!

Registrations: <https://www.uantwerpen.be/nl/faculiteiten/ontwerpwetenschappen/inde-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 Opening Adresses
Nathalie VALLET (Vice-Dean Faculty of Design Sciences, UAntwerp)
Ana TOSTOES (Chair Docomomo International)

9.05 Words of Welcome
Uta POTTGIESSER (Chair DOCOMOMO ISC/Technology)
Zsuzsanna BÖRÖCZ (Chair DOCOMOMO ISC/Interior)

Plastic History

Session Chair: *Zsuzsanna BÖRÖCZ, Chair DOCOMOMO ISC/Interior, UAntwerp, KU Leuven*

9.15 Synthetic Building Components
Wessel DE JONGE, TU Delft, Heritage & Architecture

10.00 The "Plasticarium": Collecting Design History
Arnaud BOZZINI, ADAM, Brussels

10.45 Plastic Goods in Postwar Belgium
Nina SERULUS, VAI, Antwerp, KU Leuven

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
Michaël GHYOOT, 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 Next Generation Polymers: Innovating within the framework of sustainability
Christos LECOUCU / Niklas MEINE, Covestro, Leverkusen / Antwerp

16.30 Bioplastic Polymers
Steven SCHUIITEMA, FKUR Polymers GmbH, Venlo

17.00 Innovation in Heritage and Design in Times of Circular Economy
Discussion

17.30 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 – Introduction to Plastic

Time: 9.00-10.30h
Location: Faculty of Design Sciences, Department ARIAS, Room H 1.11
Karine VAN DOORSSELAER (PO), UAntwerp: How to recognize plastic?

Wed 7th - Fri 9th Upcycling Panels and Foams - Installations

The workshop has two parts: day 1+2 lead by Rotor will make use of old acrylic panels (Trespa) and use them for upcycling purposes to design installations, furniture or other interventions to be placed and exhibited on campus.

Time: Wed 11.00-18.00, Thu 09.00-18.00, Fri 09.00-13.00
Location: Faculty of Design Sciences, Department ARIAS, Room H 1.11
Victor MEESTERS, Rotor: Recycling-Upcycling-Re-use of Acrylic Surfaces
Evy PUELINCKX, upcycling consultancy and design / UAntwerp
Christos LECOUCOU / Niklas MEINE, COVESTRO, Leverkusen/Antwerp

Fri 9th Conservation & Restoration

Day 3 will finish by showing conservation principles for different plastic surfaces.

Time: Fri 14.00-18.00
Location: Laboratories Conservation and Restoration, Depart. Heritage Studies
Marieke VERBOVEN (C&R), UAntwerp

Open Campus Day, 10th March 2018

Public Exhibition of the workshop results in the faculty buildings.