

2. European Exchange Meeting and Seminar for Research and Industry

Textile Innovation for Building and Living

15th and 16th October 2019 in Frankfurt am Main, Germany

Dear Madam and Sir

The Industrial Association for Finishing – Yarns – Fabrics – Technical Textiles (IVGT), the European Technology Platform for the Future of Textiles and Clothing (Textile ETP), the German Textile Research Board (FKT) and the European Network for functional and smart material (CONTEXT) organize their 2nd joint **Working Group Meeting and Seminar** in Frankfurt am Main / Germany.

Addresses:

Seminar 15 October: IVGT e.V. at VCI Building
Workshop 16 October: Mainzer Landstr. 55, 60329 Frankfurt am Main
<https://www.ivgt.de/>
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Hotel 14-17 October: H+ Hotel Wiesbaden Niedernhausen
Zum Grauen Stein 1
65527 Niedernhausen
<https://www.h-hotels.com/de/hplus/hotels/hplus-hotel-wiesbaden>
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Taxi Frankfurt: +49 (0)69 23 00 01 <https://www.taxi-frankfurt.de/>
+49 (0)69 73 30 30 <https://www.main-taxi-frankfurt.de/>

Taxi Niedernhausen: +49 (0)61 27 10 01 <https://taxi1001.business.site/>

U-Bahn, S-Bahn, Bus, Tram: <https://www.rmv.de/>

Airport Frankfurt: <https://www.frankfurt-airport.com/>

Long distance trains: <https://www.bahn.de/>

Parking: <http://t1p.de/IVGT-Parken>

Public Transport to Niedernhausen on 15th October with train S2 at 17h52 or 18h22 from Frankfurt main railway station underground platform 103/104.

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Textile Innovation for Building and Living

Agenda 15. October 2019

09h45 – 10h00	Registration VCI-building: Mainzer Landstr. 55, 60329 Frankfurt am Main, www.ivgt.de
10h00 – 10h20	Welcome by the Organizers Michael Pöhl (IVGT), Lutz Walter (ETP), Johannes Diebel (FKT), Ariadna Detrell (CONTEXT)
10h20 – 11h20	Textile Innovation in Building 1 - Thermal insulation design bioinspired by penguin feather and polar bear hair – Urzula Stachewicz - ILUTEX - Luminous Textile Building Skins – Jan Serode - Tuftings - Alternative Textile Structure for diverse Technical Applications – Dirk Hanuschik
11h20 – 11h40	Coffee - break
11h40 – 13h00	Textile Innovation im Building 2 - Thermo-mechanical numerical analysis of multi-functional glass facades with textiles – Chiara Bedon (video presentation by Skype) - Flexible interactive surfaces, the novel tool in Architecture – Georgios Priniotakis - Development of adaptive membrane facade modules – Christina Eisenbarth - Smart textile Solutions for Architecture, & Living Environments – Dirk Zschenderlein
13h00 – 14h00	Lunch - break
14h00 – 15h20	Textile Innovation im Living - New Product Development in Active Smart Interior Textile – Kevin Rodrigues - Intelligent textile shading systems in building for energy efficient room air conditioning – Edith Claßen - Our ecological contribution to protective finishing in the interior area – Alexandra Kühlbauch - THS – Textile Heating System including sensor for low energy consumption – Martin Dinter, Karl-Heinz Maute
15h20 – 15h40	Coffee - break

15h40 – 17h00	Textile Innovation im Building 3 - Thermobonded Composites Made with Cotton and Polylactic Acid Fibres for Building and Interior Applications – Franziska Stehle - Innovation in concrete – Klaus Jansen - Recycling potential of current Textile Building Skins – Jan Serode - Textile Waste Composites for Living Environments – Vaida Jonaitiene
17h00 – 17h30	Discussion Q&A
19h30 – 23h30	Networking Dinner H+ Hotel Wiesbaden Niedernhausen , Zum Grauen Stein 1, 65527 Niedernhausen

Agenda 16. October 2019

09h45 – 10h00	Registration VCI-Gebäude: Mainzer Landstr. 55, 60329 Frankfurt am Main, www.ivgt.de
10h00 – 10h20	Keynote: Architecture fully fashioned – Building with Spacer fabrics Prof. Claudia Lüling , Frankfurt University of Applied Science
10h20 – 10h40	CONTEXT network presentation - Ariadna Detrell , CONTEXT Project Chair and Bruno Mougin CONTEXT Vice Chair
10h40 – 11h10	WG4: Textiles in building and living - Innovation and trends of textile materials in the sector - Enrico Venturini , CONTEXT WG4 leader
11h10 – 11h30	Coffee – break
11h30 – 12h10	Examples of innovative textile based solutions for building and living - Shaping the buildings of the future – creating a designed double arched textile concrete façade – Markus Regenstein - Adaptive Skins. Developments of kinetic architecture using lightweight materials and technologies – Salvatore Viscuso
12h10 – 12h30	Textiles in building&living: Scientific and technological bottlenecks – Enrico Venturini , CONTEX WG4 leader
12h30 – 13h45	Lunch - break
13h45 – 15h00	Discussion Group dynamics: research, industry and end-users. Goal: prioritization of needs and initiatives
15h00 – 15h20	Reports from the working group and Discussion Plenary discussion, collective prioritisation of the initiatives
15h20 – 15h30	Wrap up and closure