

Conference Program ADVANCED BUILDING SKINS 2017

2 October 2017, Conference Day 1

SESSION BLOCK A		SESSION BLOCK B		SESSION BLOCK C		SESSION BLOCK D		SESSION BLOCK E		SESSION BLOCK F	
<u>Opening</u>											
MORNING											
A1	Parametric Design and Digital Fabrication	B1	Policies for Energy-efficient Construction and Refurbishment	C1	New Materials for the Building Skin	D1	Occupants' Adaptation in Naturally Ventilated Buildings	E1	Economics and Architectural Integration of PV into Facades	F1	Prefabrication: From Complex Façade Design to Building Retrofits
AFTERNOON											
A2	Complex Geometries, Advanced Building Techniques and Materials	B2	Energy Efficiency Investments: From EU Regulations to Individual Households' Decisions	C2	Membranes for High Performance Building Skins	D2	Natural Ventilation 1	E2	Design Strategies for Advanced PV Facades	F2	Vorgefertigte Holzfassadenelemente für urbane Bauten
A3	Additive Manufacturing: 3D Print of the Building Envelope	B3	Building Refurbishment: Strategies, Technologies, Performance	C3	Textile Architecture	D3	Natural Ventilation 2	E3	Integrating PV as Shading Device	F3	Steigerung der Gebäudehülle-Performance

3 October 2017, Conference Day 2

SESSION BLOCK A		SESSION BLOCK B		SESSION BLOCK C		SESSION BLOCK D		SESSION BLOCK E		SESSION BLOCK F	
MORNING											
A4	Responsive and Adaptive Building Skins	B4	New Forms of Concrete for Modern Building Envelopes	C4	Kinetic Architecture and Dynamic Daylight Control	D4	Models, Tools and Simulations for Sustainable Buildings	E4	BIPV Glazing: Products, Projects, Performance		
A5	Smart Materials for Adaptive Façades	B5	Concrete as Multi-Functional Material serving Building Energy Efficiency	C5	Advanced Building Skin Design for Optimized Daylighting	D5	Building Design Optimization	E5	Cross-fertilization between Aesthetics and Performance of PV		
AFTERNOON											
A6	Design Methods for Sustainable, High-Performance Building Façades	B6	Thermal Performance of PCM for the Building Skin	C6	Smart Glazing for Advanced Daylight Control	D6	Building Information Modeling	E6	New Developments in BIPV: Technical Issues and Performance Analysis		
A7	Adaptive Building Skins for Energy Saving and User Comfort	B7	Aerogel-based Solutions for the Building Envelope	C7	Design, Construction, and Evaluation of Glass Façade Elements	D7	Green Walls and Roofs for Enhanced Building Skin Performance	E7	Performance Modeling of BIPV Systems		

The conference will be held in English language; Sessions F2 and F3 will be held in German.