

ICBEST Istanbul 2017 PROGRAM						
May 15th, 2017	May 16th, 2017		May 17th, 2017		May 18th, 2017	
08:00	Conference Registration		Conference Registration		Conference Registration	
09:15-10:00	Opening Speeches: Ashhan Tavil & Oguz C. Celik Rector & Dean & Department Chair Hall: 109				Keynote 3: "Next Steps in the Facade Roadmap" Ulrich Knaack Hall: 109	
10:00-10:45	Keynote 1: "Generalist meets Specialist. How to Design Facade Education?" Uta Pottgiesser Hall: 109		Keynote 2: "Integrated Facade Engineering - Energy Controlling Envelope for Buildings in Seismic Areas" Toru Takeuchi Hall: 109		Keynote 4: "Exploring the Boundaries of Glass in Architecture" Tim Macfarlane Hall: 109	
10:45-11:15	Coffee Break/Networking		Coffee Break/Networking		Coffee Break/Networking	
11:15-13:00	Plenary Session Chairperson: Rolf-Dieter Lieb Hall: 109		Parallel Session 3a Envelope Technologies Chairperson: Ulrich Knaack Hall: 109	Parallel Session 3b Structural Systems Chairperson: Toru Takeuchi Hall: 107	Parallel Session 5a Materials & Components Chairperson: M. Cem Altun Hall: 109	Parallel Session 5b Performance & Sustainability Chairperson: Gül Kaçkar Oral Hall: 107
	Magdalena Zabek, Linda Hillebrand, Sigrid Breil-Cokcan		Ahmet Biler	Florian Doeberl, Viviana Nardin, Werner Wagner	Ayşe Tavukçuoğlu, Emine Caner-Satık, Fatma Eröl, Österim Çetin, Fulya Karahan-Dağ	Neslihan Korkmaz, Mark Mulville, Begüm Sertyeslişik
	Used Building Materials as Secondary Resources – Identification of Valuable Building Material and Automated Deconstruction		Integrated Curtain Wall Natural Ventilation System - Trickle Vent	Laminar Glass Bonding - Visible Elegance for Opaque Panels	Non-Destructive Monitoring of Salt Weathering in Dolostone	Optimizing Thermal Performance of High-Rise Office Buildings in Istanbul By Taking Passive House Approach
	Carsten Steiner, Stephan Wittkopf, Zehra Tuğçe Kazanmaz		Patrick P. Charles	Ahmet Güllü, Ercan Yüksel, Cem Yalçın, Anıl Dindar, Hasan Ökaynak	Seda Erdem, Nihal Arıoğlu	Sinem Kültür, Ulrich Knaack, Nil Türkeri
	Climate Based Daylight Simulations with EVALDRC: Analysis of Daylight Redirecting Components		An International Trade Fair as Add-On to Building Envelope Systems Teaching	Experimental Verification of the Elastic Input Energy Spectrum and a Suggestion	Evaluation of Innovative Building Materials Used for Building Envelope Systems According to Their Performance	Performance Check Tool for Facade Design
	Bas Baskaran		Gözde Gül Taysı, A. Zerrin Yılmaz	Farah Khalouche, Nouredine Bourahla	İlker İbik	Seher Güzeljaban Mayuk
Canadian Wind Uplift Standards for Commercial Roofs - Current Status and Future Trends		The Effects of Building Envelope Improvement Strategies and Renewable Energy Technologies on Energy Consumption of Luxury High-Rise Residential Buildings	Mitigation of Seismic Pounding of Adjacent Buildings Using Frequency Synchronization	Fire Safety of Facade and Roofing Materials and Elements in Industrial Buildings	A Fuzzy Method Proposal for Using in The Facade Design Process	
Christoph Maurer, Tilmann E. Kuhn		İgıl Turkey	Fatih Sütaş, Toru Takeuchi	F. Sebnem Kaloglu Yüksel, Mustafa Erkan Karagöçler	Nuri Serteser, Cisel Karakoyun	
Modelling of Active Building Envelopes for Cost-Effective Evaluation		Framework For Integrating Aesthetics And Technology In Detailing Façade Cladding: A Proposal	Integration of Architectural and Structural Design through Advanced Structural Technologies	Experimental Research on Mechanical Properties of Self-Cleaning Concretes	A Numerical Simulation of Vertical Flame Spread Through Façade Openings with Side Walls	
Paolo Basso, Michele Millili, Francisco J. M. Herrera, Roberto Sans, Pau Casoldaga		Efif Yüksel, A. Nil Türkeri	Fatih Yazıcıoğlu	Saori Ishihara, Kyoji Tanaka	Ahmet Tuz, Begüm Sertyeslişik	
E2vent: An Adaptable Module for The Renovation of Residential Building. Presentation of The Design and Its Integration with The Building System		Proposed Experimental Setup to Monitor the Thermal Performance of Vegetated Façade System in Kocaeli, Turkey	Mezzanine Floor Systems Interacting with The External Envelope Monumental Historic Building from Istanbul	Effect of Viscosity and Application Tool on Thickness and Workability of Fluid-Applied Polyurethane Waterproofing Membrane on A Parapet	An Investigation into Sustainable and Lean Construction Project Management in Building Envelope System Implementation	
13:00-14:00	Lunch		Lunch		Lunch	
14:00-15:30	Parallel Session 3a Envelope Technologies Chairperson: Bas Baskaran Hall: 109	Parallel Session 3b Performance & Sustainability Chairperson: Patrick Charles Hall: 107	Parallel Session 4a Envelope Technologies & Case Studies Chairperson: Uta Pottgiesser Hall: 109	Parallel Session 4b Performance & Sustainability Chairperson: Ayşe Tavukçuoğlu Hall: 107	Parallel Session 6a Failures & Refurbishment - Materials & Components Chairperson: İknur Kolay Hall: 109	Parallel Session 6b Performance & Sustainability Chairperson: Nil Türkeri Hall: 107
	Valerie Hayez, Dominique Gulot, Markus Pietrau, Pinar Çetin	Aylin Ozkan, A. Zerrin Yılmaz, Ted Kesik, William O'Brien	Ahmet Biler, İknur Akın	Lars Oliver Grobe, Stephan Wittkopf, Zehra Tuğçe Kazanmaz	Ernst Jan De Place Hansen	Annalisa Lanza Volpe
	Silicones Enabling Crystal Clear Connections	The Time-Based Metrics of Thermal Autonomy and Passive Survivability and Their Correlation to Energy Use Intensity	Integrated Operable Sliding Vents in United Curtain Wall System: Slide & Push	High-Resolution Data-Driven Models of Daylight Redirecting Components	Improving the Energy Performance of Historic Buildings with Architectural and Cultural Values	Interdisciplinary Design on Ancient Contexts
	Jacopo Mantali, Mauro Overend, P. Michael Pelken, Michele Sauchelli	Murat Sayin, Ayşe Tavukçuoğlu	Patrick P. Charles	Emir İller, Ashhan Tavil, Oguz C. Celik	Patrick P. Charles, Jo Ruoff	Susi Dilara Mangun, Gül Kaçkar Oral
	Towards Facades as Make-To-Order Products: The Role of Knowledge-Based Engineering to Support Design	Quantitative Assessment of Thermal Transmittance in Building Walls by In-Situ Infrared Thermography	Building Envelopes with Natural Ventilation Integrated in The Building Structure: Two Cases	Multi-Criteria Performance Assessment of a Glass Panel System	Building Envelope Retrofits: Four Teaching Experiences	Evaluating the Performance of Building Envelope in Terms of Life Cycle Energy and Cost Efficiency
Massimo Rasetti, Stefano Spina, Gloria Pezzuto	Amir Hassan	Leigh Easden	İlker Karadağ, Alpin Köknel Yener	Esen Gözke Özdamar, Ahmet Bai	Gamze Tatlıcı, Begüm Sertyeslişik	
A Research Project: Curtain Wall System with Wooden Load-Bearing Structure and Glass Infill Panels	Building Envelopes Under Energy Codes	Twin View Decorative Glass for The Nova Development, London	A Combined Approach to Daylight Performance Assessment of Office Buildings - A Case Study	Investigating Starch Based Bioplastic as a Construction Material	An Investigation into The Lean and Sustainable Construction Project Management Literature	
Thomas W. Hutchinson	Efif Tuğba Yolcu, Ashhan Tavil, Oguz C. Celik	Funda Uz	İdri Erdem Kaçgılı, Gül Kaçkar Oral	Mehmet Serkan Yatağan, Seda Erdem	Sahar Diab, Abdussalam Alshbouh	
Design Details on Commercial Roofs for The New Requirements of Energy Codes	Lifetime Performance Evaluation of a Stick Curtain Wall System by Full-Scale Testing	Designing with Aluminum: Aluminum Facades in Modern Turkish Architecture from The Sixties Today	The Effect of Building Envelope and Form on Cooling Performance in Hot-Dry Climate Zone	The Analysis of Waste and Recycled Building Materials Used in Vertical Green Systems	Control Strategies of Solar Irradiation and Shading Systems for Optimized Daylight Control, Case Study: Pediatric Ward in King Abdullah University Hospital, Jordan	
15:30-16:00	Coffee Break/Networking		Coffee Break/Networking		Coffee Break/Networking	
16:00-17:30	Parallel Session 2a Failures & Refurbishment Chairperson: Ana-Maria Dabija Hall: 109	Parallel Session 2b Performance & Sustainability Chairperson: Tilmann Klein Hall: 107	Special Session "Adaptive Building Envelopes" Chairperson: Susanne Götschony "Influence of Adaptive Facades on The Spatial Morphology" Hall: 109		Special Session "Adaptive Building Envelopes" Chairperson: Susanne Götschony "Influence of Adaptive Facades on The Spatial Morphology" Hall: 109	
	Ceylan Atılgözü, Meltem Erdil, Ayşe Tavukçuoğlu	Fulya Atarar, Tuğçe Kazanmaz, Koray Korkmaz	Paolo Basso, Andrea E. Del Grosso		Adaptive Concepts for The Building Envelope: Energy Potential of Structure Kinematics	
	Compatibility Assessment with A Focus On Breathing Capability in Timber Framed Dwellings in Ankara And Mersin (Turkey)	Design of A Light Shelf with The Altmann Linkage	Bahar Başoğlu, M. Cem Altun		Analysis of Low-Tech Adaptive Façade Systems: Preliminary Research Report	
	Diyygu Turgut, İknur Aktuğ Kolay	Holt Beyaztas, Gül Kaçkar Oral	Bahar Başoğlu, M. Cem Altun		A Classification Approach for Adaptive Façades	
	Talas Houses: An Analysis of Façade Typology	Evaluating Energy Performance of Façades Related to Urban Texture	Mine Kayoz		Adaptability Level of Façade Systems Regarding Façade Performances	
M. Haldun Yılmaz, Rajan Govind	Russell Cole	Special Speech: Massimiliano Fuksas Hall: 109				
Façade Failures Due to Project Design Development and Workmanship	Puffy Jackets Under Masonry					
Ana-Maria Dabija	Mattia Donato, Giovanni Zemella, Gianluca Rapone, Jak Hussain, Cancar Black					
Hell Is Paved With Good Intentions! A Decade of Thermal Rehabilitations of Mass Buildings in Romania	Arup Solar: An Innovative App for A Parametric, Holistic and Multidisciplinary Approach to Early Design Stages					
17:30-18:00	Coffee Break/Networking		Gala Dinner		Closing Session	
18:00-18:30	10 Facades for The Future Student Competition Colloquium & Award Ceremony				Farewell Cocktail	
18:30-19:30	Hall: 109					
19:30-20:30						