

9:00STAGE 3 - OPENING SESSION • (1H 20MIN) • GLASS - THE IN/VISIBLE IMPACT					
10:20COFFEE & NETWORKING BREAK • (40MIN) • STEP CHANGE • ONE-TO-ONES					
STAGE 1STAGE 2STAGE 3STAGE 4STAGE 5					
	LAMINATED GLASS	IGU	CIRCULARITY	RESEARCH & DEVELOPMENT	FAÇADES & PROJECTS
11:00	BULLET RESISTANCE OF GLAZING USING GLASS AND POLYMERS Henrik Reißaus, Universität Siegen, Chair of Building Structure	ULTRA-THIN GLASS PROCESSING Mauri Saksala, Glaston Eric Shomo, Corning Incorporated Heinrich Ostendarp, HEGLA GmbH & Co KG	IKEA VALLADOLID: REUSING AN INTERIOR ALL-GLASS FAÇADE Carles-Hug Bitlloch Martínez, Bellapart	STRUCTURAL OPTIMISATION OF GLASS PLATES Matthias Seel, Glass Competence Center, ISM+D, TU Darmstadt	GLAZING THE MET: A CASE STUDY IN DESIGN CONSIDERATIONS FOR MUSEUM GLAZING Kateri Knapp, Arup
11:20	INFLUENCE OF EDGE CLAMPING IN THE LAMINATION PROCESS ON THE FLATNESS OF THE LSG UNITS Jakob Grötzner, Munich University of Applied Sciences	THE THERMAL AND MECHANICAL PERFORMANCE OF PILLARS IN VACUUM INSULATED GLASS Cenk Kocer, University of Sydney	END-OF-LIFE CONSIDERATIONS OF SILICONE BONDED GLAZING Valérie Hayez, Dow Silicones Belgium	FUNDAMENTAL INVESTIGATIONS ON FIBRE OPTIC STRAIN MEASUREMENT FOR GLASS LAMINATES Christian Hammer, Universität Siegen	PRESERVING THE PAST AND BUILDING IT INTO THE FUTURE WITH MODERN GLASS-CLAD LIBRARY ARCHITECTURAL DESIGNS Javier Sanchez-Gil, Cristacurva
11:40	LAMINATED SAFETY GLASS PRODUCED FROM RECLAIMED INSULATED GLASS UNITS Hans Ignacio Scholz Campos, Glass Competence Center, ISM+D, TU Darmstadt	LASER GLASS PROCESSING – NEXT GENERATION Thomas Rainer, HEGLA Boraident	HEAT TREATMENT OF PRE-DAMAGED SODA-LIME SILICATE GLASS AND ITS INFLUENCE ON GLASS STRENGTH Miriam Schuster, Glass Competence Center, ISM+D, TU Darmstadt	NON-DESTRUCTIVE, PHOTOELASTIC QUALITY CONTROL FOR LARGE-FORMAT, THERMALLY TOUGHENED GLASS Lena Efferz, University of Applied Sciences Munich	FROM CONCEPT TO REALITY: CRAFTING A TRANSPARENT WAVE OF GLASS Christoph Bauchinger, se-austria GmbH & Co. KG
12:00	LAMINATED SECURITY GLAZING AND BALLISTIC ASSAULT – STANDARDS AND PERFORMANCE Julia C Schimmelpenningh, Eastman Saflex	BREAKTHROUGHS IN AEROGEL TECHNOLOGY: OPPORTUNITIES AND CHALLENGES Aaron Baskerville-Bridges, AeroShield Materials, Inc.	GLASS REUSE: OPEN DATA FOR CIRCULARITY Jagoda Cupać, Delft University of Technology	THIN GLASS COMPOSITE PANELS – ANALYTICAL AND EXPERIMENTAL ASSESSMENT OF OUT-OF-PLANE BENDING STIFFNESS Daniel Pfarr, Institute of Building Construction, TU Dresden	INSTALLATION SOLUTIONS FOR GLASS ARCHITECTURE IN EXTREME CLIMATE ZONES: FROM DUBAI'S HEAT TO SCANDINAVIA'S COLD Guenter Uebelacker, Heavydrive GmbH
12:20LUNCH & NETWORKING BREAK • (1H 20MIN) • STEP CHANGE • ONE-TO-ONES					
	LAMINATED GLASS	COATINGS	ADHESIVES	RESEARCH & DEVELOPMENT	INDUSTRY TRENDS
13:40	DESIGNING LAMINATED GLASS FOR EXPOSURE TO HYDROSTATIC LOADS – A NEW ASTM METHOD Vaughn Schauss, Kuraray America, Inc.	INLINE EDDY CURRENT METROLOGY FOR GLASS RECYCLING STRATEGIES AND YIELD ENHANCEMENT OF CONDUCTIVE COATING PROCESSES Marcus Klein, SURAGUS GmbH	STRUCTURAL PREDICTABILITY IN GLASS STRUCTURES WHEN USING EPOXY ADHESIVE Frank Tarazi, Bollinger+grohmann Consulting GmbH	NUMERICAL INVESTIGATION OF BONDED GLASS-TO-CONCRETE APPLICATIONS SUBJECTED TO REAL-WORLD DESIGN SITUATIONS Bert Van Lancker, Ghent University	BARRIERS TO HIGH-PERFORMANCE FAÇADE IMPLEMENTATION: A BLUEPRINT FOR MARKET TRANSFORMATION Sophie Pennetier, Digne
14:00	LEVERS AND CHALLENGES FOR REDUCED CARBON FOOTPRINT PVB INTERLAYERS Christoph Troska, Kuraray Europe GmbH	HUMAN CENTRIC DESIGN - RE-EVALUATING SOLAR CONTROL LOW-E COATED & LAMINATED GLASS Benjamin Beer, Werner Sobek Dubai	THE MINIMAL WALL: MATERIAL CHARACTERIZATION TO EXPLOIT THE GLASS-ALUMINUM COMPOSITE BEHAVIOUR IN THE DESIGN OF FACADES Pedro Galvez Villarino, Sika Services AG	STRUCTURAL PERFORMANCE OF LINEARLY LAMINATED METAL FITTINGS FOR FRAMELESS GLASS SHELL STRUCTURES Isabell Ayvaz, Technische Universität Darmstadt	NEW ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE: TRENDS, IMPLEMENTATION CHALLENGES AND OPPORTUNITIES FOR THE GLAZING SECTOR Adrien Carton, Glass for Europe
14:20	ADVANTAGES OF CROSSLINKABLE INTERLAYER FILMS FOR APPLICATION IN LAMINATED SAFETY GLASSES Steffen Bornemann, Folienwerk Wolfen GmbH	LASERS ARE SET TO PLAY A PIVOTAL ROLE IN THE COMING DECADE Nele Deckers, ORION Laser Tech	CASE STUDY OF FE MODELING APPROACHES FOR SSG IN BLAST Valérie Hayez, Dow Performance Silicones	UPDATE OF GERMAN DESIGN CODE DIN 18008 ENABLES NEW POSSIBILITIES FOR BALUSTRADES Geralt Siebert, University of the Bundeswehr Munich	DIGITAL TWIN – VISUALIZE, CHANGE & SIMULATE YOUR OWN GLASS LABORATORY Sebastian Dick, A+W Software GmbH
14:40COFFEE & NETWORKING BREAK • (40MIN) • STEP CHANGE • ONE-TO-ONES					
	TEMPERING	IGU	CIRCULARITY	RESEARCH & DEVELOPMENT	FAÇADES & PROJECTS
15:20	INVISIBLE DANGER: SAFEGUARDING GLASS FROM THE RISKS OF NICKEL SULFIDE Juan Pablo Martinez, ES/Tecnoglass	ULTRA-THIN MIDDLE PANE IN INSULATED GLASS UNITS: REVOLUTIONIZING PERFORMANCE AND RENOVATION Gennadi Schadrin, Glaston	INFLUENCE OF THERMAL AND WATER TREATMENT ON STRENGTH RECOVERY FOR SCRATCHED SODA LIME SILICA GLASS Kyriaki Corinna Datsiou, University of Hertfordshire	MECHANICAL MODELLING AND EXPERIMENTAL CHARACTERIZATION OF LAMINATED GLASS WITH MULTI-MATERIAL POLYMERIC INTERLAYERS Lorenzo Santi, University of Parma Kuraray	BREAKING BOUNDARIES WITH COLD LAMINATION BENT S-CURVE GLASS Lauren Knott, John Pope, Old Town Glass
15:40	NEW TECHNOLOGY FOR A PRECISE AND REPEATABLE MEASUREMENT OF DISTORTION AFTER THE FURNACE Kai Vogel, Viprotron GmbH	A FEM CODE FOR THE NON-LINEAR ANALYSIS OF FLAT OR CURVED INSULATED GLASS UNITS Filippo Gerin, Maffeis Engineering SpA	RECYCLING, REUSE AND REPAIR: SEPARATING IG UNITS FOR GREATER SUSTAINABILITY AND ECONOMIC EFFICIENCY Heinrich Ostendarp, HEGLA GmbH & Co KG	MEASURING SEE-THROUGH DISTORTION Louis Moreau, MOGLEX Corp.	FLEXIBLE GLASS TUBE SCULPTURES - DYNAMIC SEISMIC ANALYSIS MEETS CRAFT AND DIGITAL MANUFACTURE Graham Dodd, Ove Arup & Partners Limited
16:00	GAME CHANGER IN ARCHITECTURE - MULTICURVED TEMPERED GLASS Joan Tarrús, sedak GmbH	SUSTAINABLE GLASS FACADES: UNDERSTANDING THE LONG-TERM THERMAL PERFORMANCE OF INSULATING GLASS UNITS Chris Davis, H.B. Fuller Kömmertling	VLA GLAS RECYCLING NEDERLAND. TOGETHER WE MAKE GLASS INFINITE. Cor Wittekoek, Vlakglas Recycling Nederland	HYBRID GLASS-TO-CONCRETE PEDESTRIAN BRIDGE: A CASE STUDY Cas Maertens, Ghent University	PRACTICAL CONSIDERATIONS FOR SILICONE SEALANTS IN COLD BENT GLASS Sami Daher, Dow Chemicals IMEA GmbH
19:00 - 22:30 GET TOGETHER					

STAGE 1		STAGE 2		STAGE 3		STAGE 4		STAGE 5	
	Automotive	IGU		Circularity		Research & Development		Industry Trends	
9:00	Augmented Reality in Automotive Glass – A Technological and Industry Perspective Daniel Snow, Glass.com Inc.	Lightweight Insulating Glass Unit from Design to Production Pascal Joos, Philippe Willareth, LÜCHINGER MEYER PARTNER AG		How Interlayers can contribute to reduce the embodied carbon of glazed façades Wim Stevels, Eastman Chemical		Load-bearing capacity of structural-glazing adhesives on coated steel structures Tim Seidel, Institute of Building Construction, TU Dresden		New EU Construction Products Regulation: Key impacts and challenges for the glazing sector Justin Loup, Glass for Europe	
9:20	Distribution of internal stresses across automotive windshields – A first step to characterize the post-fracture behaviour Nils Meinhard, Glass Competence Center, ISM+D, TU Darmstadt	Reducing carbon costs through enhanced insulating glass durability and sustainability with the innovative reactive thermoplastic spacer Sebastian Dillinger, H.B. Fuller Kömmerling		Circular IGUs - Strategies for the technical evaluation of reclaimed window glazings Sebastian Wernli, Munich University of Applied Sciences - Hochschule München		High performance windows for applications in space. Open problems and challenges Gianni Royer Carfagni, University of Parma		Review - Borosilicate float glass supports various industry trends with its versatility Guido Stiebritz, SCHOTT Technical Glass Solutions GmbH	
9:40	Buckling support structure for automotive interior display Alyona Chubyuk, Sergey Shubin, Corning SAS	Boro-aluminosilicate glass for architectural applications Greg Couillard, Corning Incorporated		Reuse potential of aged double glazing Sebastián Andrés López, Universität Siegen Chair of Building Structure		Novel tempered flat glass and its potential Matthias Seel, Glass Competence Center, ISM+D, TU Darmstadt		North American market drivers and trends Urmilla Jokhu-Sowell, NGA	
10:00	Solutions for bending of borosilicate glass for windshield application Antti Aronen, Glaston	Vacuum insulated glazing: innovations, applications, and overcoming design and legal challenges Clément Lemoine, Finéo by AGC Glass Europe		Environmental benefits of scaling up glass reuse and remanufacturing Angelica Rota, AGC Glass Europe, Polytechnic University of Bari		Atmospheric plasma processing of float glass and glass fabrics for performance improvement of composite materials Richard Krumpolec, CEPLANT, Masaryk University		Securing interoperability in flat glass processing Gesine Bergmann, VDMA e.V.	
10:20 COFFEE & NETWORKING BREAK • (40MIN) • STEP CHANGE • ONE-TO-ONES									
	Laminated Glass	Coatings		Circularity		Adhesives		Solar & Smart	
11:00	Simulation of windshield performance across diverse laminate thicknesses, glass compositions, and designs Olga Panina, Corning SAS	The risk of optical distortion by digital printing on glass Dirk Schulte, Roschmann Group		Scaling re-glass Sophie Pennetier, Digne		Better use of materials through the assessment of silicone bonding to interlayers Graham Coult, Eckersley O'Callaghan		Smart photochromic glass films: the evolution in glass performance Stijn Kragt, ClimAd Technology B.V.	
11:20	What matters in bullet resistant laminated safety glass? Stefan Hiss, Kuraray Europe GmbH	A data-driven approach to the selection of coated glass for façade applications on the basis of colorimetry analysis Lisa Rammig, Alex Falcon, Eckersley O'Callaghan		Driving flat glass circularity: a contribution to sustainability in the construction sector Michael Elstner, AGC Glass Europe		Residual performance of structural glazing joints after seismic low-cycle fatigue loading Christian Schuler, Hochschule München University of Applied Sciences		Soltint: High performance BIPV design customization Max van Dijken, SOL-R&D	
11:40	A FEM code for the geometric nonlinear analysis of laminated glass plates and curved shells Filippo Gerin, Maffeis Engineering SpA	Process automation for efficient and sustainable large-area PVD coatings Knut Barthel, VON ARDENNE GmbH		Circular smart windows - upgrading old glass with smart solar heat management Daniel Mann, TNO		Load-bearing capacity of two transparent adhesives for glass joint under elevated temperatures Jakub Mareš, CTU in Prag, Faculty of Civil Engineering		Energy efficiency of windows integrating electrophoretic light modulators Romarc Massard, eLstar Dynamics	
12:00	New design possibilities in laminated glass with “improved” stiff PVB interlayers Malvinder Singh Rooprai, Kuraray India Pvt. Ltd	Atmospheric plasma pre-treatment of ultra-thin flexible glass for transparent organic coatings Slavomír Sihelník, Masaryk University		Experimental study on using thermal treatment for stress relief in thermally tempered glass Vlad-Alexandru Silvestru, ETH Zurich, Institute of Structural Engineering		Understanding stress distributions in wet glazed glass railing systems Valérie Hayez, Dow Silicones Belgium		The development and performance of a novel switchable shading device Etienne Magri, University of Malta	
12:20 LUNCH & NETWORKING BREAK • (1H 20MIN) • STEP CHANGE • ONE-TO-ONES									
	Tempering	IGU		Circularity		Research & Development		Façades & Projects	
13:40	Chemical strengthening of silicate glasses by ion exchange: the role of alkali nitrate salts Guglielmo Macrelli, Isoclima SpA	Longevity of thermoplastic spacers compared to other spacers Uwe Risle, Glaston		Circularity in construction: scaling up glass reuse with silicone Philippe Willareth, LÜCHINGER MEYER PARTNER AG Enrico Cutri, Dow Europe GmbH		Scaling effects on post-failure responses of laminated glass plates subjected to out-of-plane uniform pressure Sicheng Zhou, Politecnico di Milano		The colourful revolution in BIPV façade architecture Holger Geisler, Ceramic Colors Wolbring GmbH	
14:00	Grading visibility of distortion and anisotropy in heat-treated coated glass Eric Hegstrom, LiteSentry / Softsolution	Higher performance and lighter IGUs with boro-aluminosilicate thin glass Celine Guermeur, Corning Incorporated		Sustainable melting and processing of soda-lime-silica glasses Christian Roos, RWTH Aachen University		Load-bearing capacity of historical produced mouth-blown glass Michael Engelmann, Institute of Building Construction, TU Dresden		The new 140m long glass canopy at the heart of Paris Francesc Sánchez Fontserè, Bellapart	
14:20	Automatic loading of flat tempering furnace: possibilities with today's software solutions and ai-based algorithm Mauri Saksala, Glaston	Design of a test setup for experimental investigation of temperature loads on vacuum insulated glass Franz Paschke, Glass Competence Center, ISM+D, TU Darmstadt		The challenges of implementing thermally efficient glass in developing countries Luiz Barbosa, Vivix Vidros Planos		Ductile glass at room temperature Erkka Frankberg, Tampere University		Architectural glass thermal shock assessment by means of dynamic thermal simulations Fabio Favoino, Politecnico di Torino	
14:40 COFFEE & NETWORKING BREAK • (40MIN) • STEP CHANGE • ONE-TO-ONES									
	Tempering	IGU		Circularity		Research & Development		Façades & Projects	
15:20	Glass tempering: energy saving possibilities in glass quenching Mikko Rantala, Glaston	The life cycle embodied energy of a vacuum insulated glass Cenk Kocer, Asiyath Ibrahim, University of Sydney		Circularity Debate		Evaluation of real-time load path monitoring for mullion-transom façades Nathalie Nießer, University of the Bundeswehr Munich		“The Henderson” in Hong Kong – technical challenges in glass design achieving an architectural masterpiece in a typhoon area Kathrin Rauh, seele GmbH	
15:40	Experimental and statistical fracture pattern analysis of glasses with varying pre-stress levels Leon Bohmann, Technische Universität Darmstadt	Uniform pressure load resistance of thin boro-aluminosilicate glass for use in triple-glazed insulating glass units Michael Brackin, Beason Brackin & Associate, LLC				Development of post-tensioned laminated glass beam David Antolinc, University of Ljubljana, Faculty of Civil and Geodetic Engineering		Conclusions from defects on glass façades Barbara Siebert, Dr. Siebert and Partner Consulting Engineers PartGmbHB	
16:00	Accelerating the future of sustainable glass thin, strong and ready for mass market with chemical speed strengthening Michael Heidan, ReViSalt GmbH	Vacuum insulated glass (VIG) in retrofitting existing buildings and trends in global mass production Adrian Song, LEADUS				Numerical study of laminated glass with PVB, EVA and IONOPLAST exposed to out-of-plane bending under the influence of different parameters Milica Baric-Slipcevic, Universität der Bundeswehr München		A flux-based FEM for the thermal analysis of laminated glass façades with cast shadows Ali Haydar, Università di Parma	
19:30 FAREWELL PARTY									