

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
	CHAIR WIM STEVELS, EASTMAN	CHAIR GENNADI SCHADRIN, GLASTON	CHAIR SOPHIE PENNETIER, DIGNE	CHAIR JAN BELIS, GHENT UNIVERSITY	CHAIR JOAN TARRÚS, SEDAK
11:00	BULLET RESISTANCE OF GLAZING USING GLASS AND POLYMERS Henrik Reißaus, Universität Siegen, Chair of Building Structure	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 PERFORMANCE OF LINEARLY LAMINATED METAL FITTINGS FOR FRAMELESS GLASS SHELL STRUCTURES Isabell Ayvaz, Technische Universität 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 Presented by Antti Aronen, Glaston	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 Guenther Uebelacker, Heavydrive GmbH
12:20LUNCH & NETWORKING BREAK • (1H 20MIN) • STEP CHANGE • ONE-TO-ONES					
	LAMINATED GLASS	COATINGS	ADHESIVES	RESEARCH & DEVELOPMENT	INDUSTRY TRENDS
	CHAIR STEFFEN BORNEMANN, EVGUARD	CHAIR JULIANE BRANDT-SLOWIK, SCHOTT	CHAIR DAMIAN FROKLAGE, DOW	CHAIR CHRISTIAN LOUTER, TU DELFT	CHAIR URMILLA JOKHU-SOWELL, NGA
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 FAÇADES Pedro Galvez Villarino, Sika Services AG Andrea Pilla, Schüco International	STRUCTURAL OPTIMISATION OF GLASS PLATES Matthias Seel, Glass Competence Center, ISM+D, TU 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
	CHAIR FRANCIS SERRUYS, SAINT-GOBAIN	CHAIR SEBASTIAN DILLINGER, H.B. FULLER KÖMMERLING	CHAIR CELINE GUERMEUR, CORNING	CHAIR MIRIAM SCHUSTER, TU DARMSTADT	CHAIR SAMI DAHER, DOW
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. Adrian Betanzos, VIA	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 Kömmerling Kevin Yin, Eckersley O'Callaghan	VLAKGLAS 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 @NOKIA ARENA (DOORS OPEN 18:45)					

