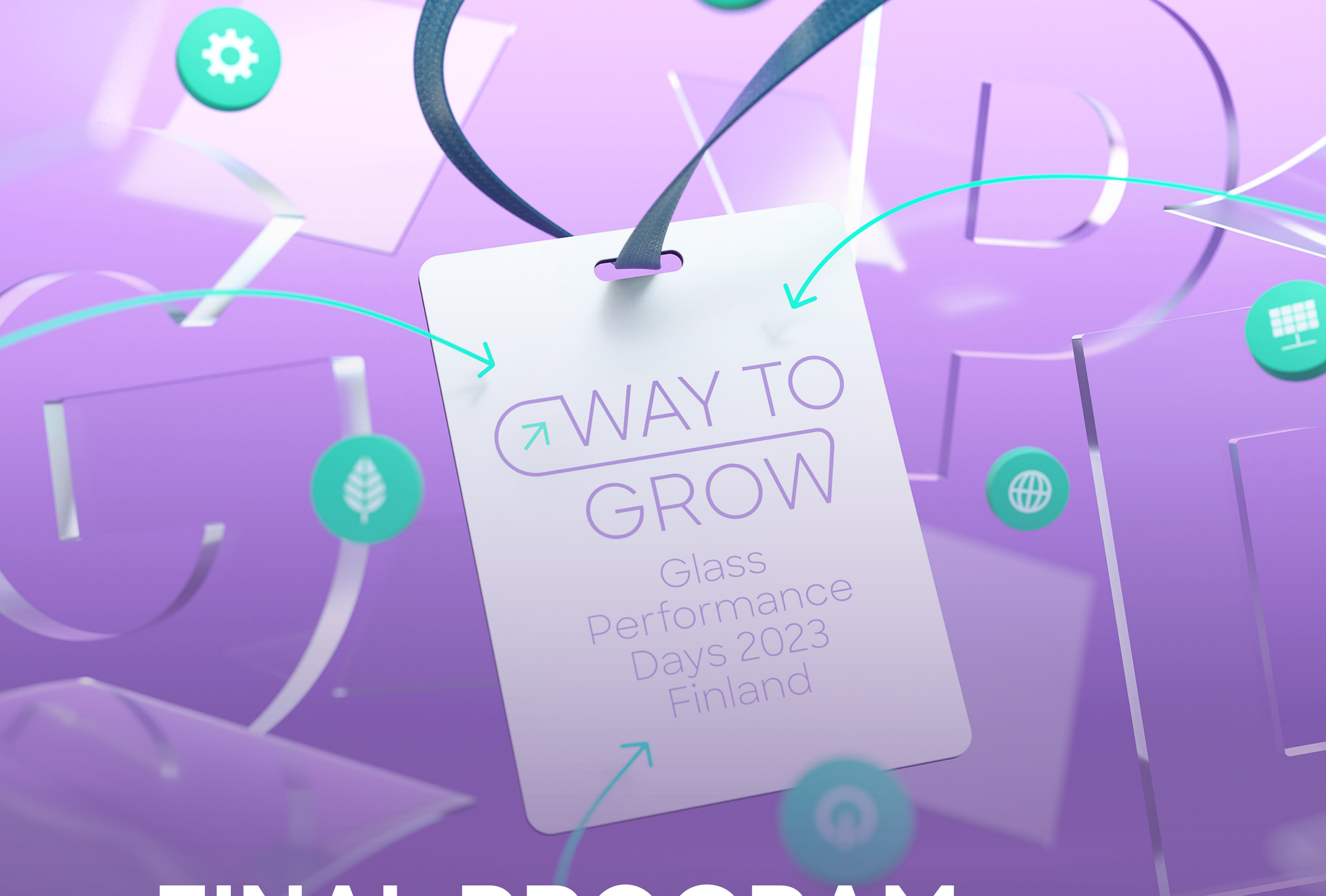


# FINAL PROGRAM

Glass Performance Days 2023
June 13-16, 2023, Tampere Finland

Workshops June 13-14

Exhibition & Step Change June 14-16

Conference Sessions June 15-16

GPD.FI | #GPD2023

# GPD 2023 WORKSHOPS

GPD workshops are 4–8-hour intensive courses that focus on techniques and skills in specific fields. The main emphasis is on interaction and exchange of information among small groups. For practical workshops number of participants will be limited to 5–15 persons and 20–50 persons for theoretical workshops.

- For details, please visit www.gpd.fi
- Price: EUR 170 € + VAT 24% / workshop
- Please note that workshop organizers have a right to accept or reject participants.

## Workshops June 13

9:00–17:00 **Float Glass processing: storage, transport, washing, corrosion protection**
Michael Emonds, Chemetall/BASF & Reinhold Senft, Grafotec Spray Systems GmbH

9:00–17:00 **Optimizing productivity, energy consumption & quality in the glass tempering process**
Taneli Ylinen, Pekka Lyytikäinen – Glaston Finland Oy

## Workshops June 14

9:00–13:00 **Water-filled glass(WFG) façades: Construction aspects, structural and energy performance**
Matyas Gutai, Water-filled Glass Ltd

9:00–13:00 **Glass surface temperature vs. interlayer temperatures in glass lamination process**
Kalle Kaijanen, Glaston Finland Oy

9:00–13:00 **All-glass structure – cantilevered viewing platform**
Christoph Bauchinger, se-austria GmbH
Peter Eckardt, seele GmbH

9:00–17:00 **Sustainable Float Glass processing: Chemicals in glass cutting, grinding, and water treatment**
Michael Emonds, Chemetall & Josep Sais, VITROSEP

9:00–17:00 **The Holistic Approach to the Recovery of Materials**
Graeme DeBrincat, Arup

9:00–13:00 **Thermal stress analysis of IGU windows and façade glazing**
Gregor Schwind, Technical University of Darmstadt, Institute of Structural Mechanics and Design, Glass Competence Center

9:00–13:00 **Sending glazing to North America? A standards overview**
Urmilla Jokhu-Sowell, National Glass Association
Julia Schimmelpenningh, Eastman Chemical Company
William Lingnell, Lingnell Consulting Services, LLC.
Dr. Stephen Morse, Texas Tech University

9:00–13:00 **Reduction of grinding process cost under consideration of perfect edge quality and highest process stability**
Robert Kraus, Glaston Corporation

13:00–17:00 **Industrial Glass Cutting – Choosing the right cutting wheels and cutting parameters for perfect cutting results**
Dennis Kampmann, Bohle AG

# PROGRAM HIGHLIGHTS

## June 14, at 17:30

### Opening Ceremony + Get Together Party

Presentations and discussion in the opening ceremony will be graced by distinguished professionals. Their names and presentation topics will be released closer to the event.

## June 15 – 16, 9:00 – 17:00

### Technical Conference sessions

The conference will have 6 parallel technical sessions organized each day. In total, over 120 face-to-face presentations will be given by glass industry experts over a content-rich two days. Details on pages 4 and 5 of this document or at the GPD website at https://gpd.fi/events/gpd-finland-2023/program/

### Exhibition and Step Change

**The conference exhibition** will provide glass industry companies, media, associations, research, and academic institutions with a platform for networking and commercial discussions with like-minded professionals. In addition, exhibitors benefit as follows:

- Enhancing organization's profile
- Establishing new contacts and laying the foundations for future business
- Promoting company and products directly to a targeted audience of high-level decision makers (and not really product sales)

**The 2023 Step Change event** will be held in conjunction with the exhibition. It will introduce startups and scale-ups present their new technologies and disruptive ideas to the industry to stimulate growth and development. The program of the event is under production and will be released soon.

A limited number of exhibition booths are available for sale. They are allocated on a first come, first severed basis. For more information and to reserve a booth, please go to https://gpd.fi/events/gpd-finland-2023/exhibition/

## June 15 – 16, 19:00 onwards

### Evening networking activities

All conference days will be crowned by our popular GPD evening activities:

- **June 14 – Get together Party**
- **June 15 – Conference dinner**
- **June 16 – Farewell party**

# THURSDAY JUNE 15

| | | | | | | |
|---|---|---|---|---|---|---|
| **8:00** | **Onsite registration** | | | | | |
| | **Research & Development** | **Laminated Glass** | **Architectural Challenges & Solutions** | **Facade Engineering** | **Industry Trends** | **Glass and Sustainability in Buildings** |
| **9:00** | A guide to assessing the fire resistance of load-bearing laminated safety glass<br>Maximilian Möckel, TU Dresden, Institute of Building Construction | Review of Security Glazing Standards and Testing<br>Vaughn Schauss, Kuraray | Combining bird protection with functional glass coatings in laminated safety glass<br>Wim Stevels, Alex Caestecker, Eastman | Tiffany and Puma flagship stores. Design, logistics and installation of oversized pre-fabricated glazed facade elements in central Manhattan<br>Andreas Hafner, seele GmbH | New carbon pricing system and new carbon border tax at EU level: what impacts for the glass and glazing sector<br>Iva Ganev, Glass for Europe | Transparent Solar Facades for Building Energy Generation and Smart Features<br>Miles Barr, Ubiquitous Energy |
| **9:25** | Numerical heat transfer model for predicting temperature gradients and fracture in glass panes<br>Evelien Symoens, Ghent University | Contribution of the interlayer films to the safety properties of the laminated safety glass at different temperature conditions<br>Steffen Bornemann, Folienwerk Wolfen GmbH | Patterned Architectural Coatings for Large Area Glass Façades and Potential Applications<br>Marcus Frank, Bühler Leybold Optics GmbH, Alzenau, Germany | The Woolbeding Kinetic Glasshouse<br>Carles-Hug Bitlloch, Bellapart, Les Preses | Flat glass recycling in Europe and the US: state of play and challenges for enhanced circularity<br>Bertrand Cazes, Glass for Europe<br>Urmilla Sowell, National Glass Association | High-transparency clear window-integrated PV and agrivoltaics<br>Victor Rosenberg, John Downes, Jamie Lyford, Clearvue Technologies, Perth |
| **9:50** | Towards practically stronger glass – recent advances and outlook<br>Stefan Karlsson, RISE Research Institutes of Sweden | Play Safe With Stiff Interlayers<br>Louis Moreau, MOGLEX Corp | SOUND LAB AI Tool - Machine learning for sound insulation value predictions<br>Ingo Stelzer, Michael Kraus, Kuraray Europe GmbH | Double Skin Structural Glass<br>Miguel Ángel Núñez Díaz, ENAR | Safe Façade Design and Construction in Hong Kong – Statutory Requirement & Implementation<br>Dominic Yu, Alpha Consulting Limited | ColorQuant – customized, bright colored solar modules with 95% efficiency enabling a colorful, sustainable future<br>Sebastian Barth, Holger Geisler, Merck KgaA |
| **10:15** | **Coffee break (45 mins) • one-to-ones • meeting with sponsors etc** | | | | | |
| | **Research & Development** | **Laminated Glass** | **Architectural Challenges & Solutions** | **Facade Engineering** | **Industry Trends** | **Glass and Sustainability in Buildings** |
| **11:00** | Effective Thickness – Informed Use in Laminated Glass Analysis<br>Adam Nizich, Eckersley O'Callaghan, New York, USA | Natural weathering study of the resistance of various glass types against UV-induced color fading<br>Stefan Reich, Anhalt University of Applied Sciences | Playground at height–designing and building the Skyslide in Dubai<br>Agnes Koltay, Koltay Facades | An inconvenient analysis: SG Unitised Systems behaviour<br>Vladimir Marinov, Define Engineers ltd | North American Glass and Glazing Market Trends<br>Urmilla Sowell, National Glass Association | Dynamic Glass–What is needed?<br>Romaric Massard, eLstar-Dynamics, Eindhoven, Netherlands |
| **11:25** | Pre-stressing Glass by Elastic Deformation: A New Twist on Reducing Deflection<br>Austin Bensend, Enclos | Glass Timber Panel–A new hygiene material for health care and hospitality<br>Sagar Vanapalli, Anhalt University of Applied Sciences, Dessau, Germany | Broken glass ceiling around Fearless Girl<br>Sophie Pennetier, Enclos | Advanced engineering methods unlock higher permitted stresses for structural glazing designs<br>Jon Kimberlain, DOW Silicones Corporation | **Product & Process Case Studies**<br>Edge strength of annealed float glass: Identification and optimisation of cutting process parameters<br>Matthias Seel, Institute of Structural Mechanics and Design \| Glass Competence Center | SunSmart–Thermochromic Smart Window for Optimized Solar Heat Management: From Lab to Pilot-Scale Production and Test Buildings<br>Daniel Mann, TNO, Eindhoven |
| **11:50** | Adaptive Passive Cooling Cellulose-based Films for Smart Windows<br>Aayush Jaiswal, VTT Technical Research Centre of Finland | Determination of relationship between chemical properties of different interlayers and mechanical resistance in laminated glass structures exposed to different loads<br>Milica Baric, Universität Bundeswehr | Dome-shaped gridshell over monumental courtyard<br>Iris Rombouts, Octatube<br>Koos Fritzsche, Delft | Resource-optimised pavilion glazing through the interplay of structure and façade<br>Jona Vetterli, Dr. Luechinger+ Meyer Bauingenieure AG, Zürich | Heat Soaked Glass–Requirements, Implications, and Case Studies in the US<br>Vicente Montes-Amoros, Curtain Wall Design & Consulting, Inc. | Water-filled glass (WFG) as a Heat Displacement System for saving energy in buildings<br>Matyas Gutai, Fazel Ganji Kheybari, Water-filled Glass Ltd |
| **12:15** | **Lunch break (1,5hrs) • one-to-ones • other meetings** | | | | | |
| | **Research & Development** | **Laminated Glass** | **Architectural Challenges & Solutions** | **Facade Engineering** | **Product & Process Case Studies** | **Glass and Sustainability in Buildings** |
| **13:45** | Analytical solution and exact effective thickness for multilayered laminated glass beams of arbitrary composition. Application to cantilevered balustrades<br>Gianni Royer-Carfagni, University of Parma | Predicting interlayer and glass temperatures in automated glass lamination process<br>Mikko Rantala, Glaston Finland Oy | 25m x 2.55m Cantilevered structural glass canopy<br>Mateo Marcos, ENAR Architectural Envelopes SLP | Reimagine thrill with structural glass: Levitation<br>Timo Bühlmeier, Josef Gartner GmbH | Investigations on defective glass components to identify critical manufacturing conditions<br>Martin Krappitz, Fraunhofer Institute for Mechanics of Materials IWM | Sustainable growth by optimized production organization<br>Klaus Mühlhans, A+W Software GmbH |
| **14:10** | Numerical simulation of impact on glass panes and the fracture energy equilibrium<br>Stefan Reich, Anhalt University of Applied Sciences, Dessau, Germany | Large area atmospheric plasma surface processing of PVB and Ionoplast interlayers for performance improvement of laminated glass<br>Dušan Kováčik, Masaryk University, Brno, Czech Republic | Benefits of using borosilicate glass in architectural applications<br>Juliane Brandt-Slowik, Helmut Kugelmann, Schott AG | Grand Hall, Montreal. Design, engineering and installation of an all glass roof structure<br>Peter Eckardt, seele GmbH | Laser cutting technology for automotive and architectural glass products<br>Anton Krumm, Corning Laser Technologies GmbH | Closing the loop on glass recycling<br>Graham Coult, Eckersley O'Callaghan |
| **14:35** | Evaluation of the suitability of UV-curing acrylate adhesives in structural glass applications by DMTA<br>Dominik Offereins, University of the Bundeswehr | Fractional viscoelastic modelling of polymeric interlayers in laminated glass. Comparisons with Prony series approach<br>Lorenzo Santi, University of Parma, Parma, Italy | The history of development of the glass pane size of historical glass and glass structures from 1880 to 1970<br>Franziska Rehde, Technische Universität Dresden | Non-linear Integrated Design and Analysis for Complex Glass Façade Structures in Hong Kong<br>Huang Huiyi, Dominic Yu, Alpha Consulting | Increased production yields during glass cutting and in downstream processes by selecting cutting wheels with proper surface finish and microstructure<br>Thorsten Böllinghaus, Bohle AG | Silicones – an important enabler of sustainable design<br>Enrico Cutri, Philippe Willareth, DOW Europe GmbH |
| **15:00** | **Coffee break (45 mins) • one-to-ones • other meetings** | | | | | |
| | **Research & Development** | **Laminated Glass** | **Architectural Challenges & Solutions** | **Facade Engineering** | **Product & Process Case Studies** | **Glass and Sustainability in Buildings** |
| **15:45** | Glass Bottle Columns - Experiments and Design Concepts for Reuse<br>Hoessein Alkisaei, Christian Louter, Delft University of Technology | Quantification of the linear viscoelastic behavior of multilayer interlayers<br>Miriam Schuster, TU Darmstadt | Glass in buildings – Renovation, Rehabilitation or Restoration?<br>Peter Lenk, Arup, London | New model for performance of silicone bonded facades during seismic events<br>Valerie Hayez, DOW Silicones | Fast and effective large-area cleaning and activation of float glass with improved micro-uniformity by atmospheric plasma surface processing<br>Richard Krumpolec, Masaryk University, Brno, Czech Republic | The holistic approach to the recovery of glazing materials<br>Graeme DeBrincat, Florence Wu, Ove Arup & Partners Limited |
| **16:10** | The reuse of post-consumer flat glass: a study of its environmental benefits, quality and mechanical properties<br>Angelica Rota, Politecnico of Bari, Bari, Italy in partnership with AGC Glass Europe, Charleroi, Belgium | | High Transparency RETRO-fitted - New Lobby Glass Enclosures beyond the Cutting Edge<br>Dirk Schulte, Roschmann Group | Use of cast glass in buildings<br>Gennady Vasilchenko-Malishev, Bath, Bath, United Kingdom | | From WASTE via RECYCLE to REUSE: First valid steps on the pathway to better re-utilization of glass elements<br>Markus Schoisswohl, Hegla New Technology Gmbh & Co KG |
| **16:35** | Investigation of the joining area of additive manufactured glass structures on float glass<br>Philipp Amir Chhadeh, Technical University Darmstadt | | | Subjective assessment of façade defects: critical review of current methods and opportunities<br>Alessandra Luna Navarro, TU Delft | | Developing a more sustainable glass recycling system<br>Steve Whettingsteel, Krysteline Technologies Ltd |
| **17:00** | **Break / happy hour** | | | | | |
| **19:30-23:30** | **Conference dinner** | | | | | |

# FRIDAY JUNE 16

**8:00** — Onsite registration

| | Research & Development | Tempering / Pre-Processing | Structural Glass Applications | Complex Geometry | Automotive and Display Units | IGU & Window Technology |
|---|---|---|---|---|---|---|
| **9:00** | Effects of wind loads on the mechanical performance of vacuum glazing and its influence on the VIG design parameters<br>Isabell Schulz, TU Darmstadt | Lasers vs. lasers: a comprehensive review over various laser-based glass processing technologies and their applications<br>Erik Raita, Hypermemo Oy | Pattern profile induced stress concentration in patterned glass<br>Marco Zaccaria, AGC Glass Europe | Methodology of multicriterial optimization of different models of geometrically complex glass facade<br>Tatjana Kosić, University of Belgrade | Processing strategies for future automotive glazing and displays<br>Matthias Loppacher, Glaston Switzerland | Thermoplastic spacer (TPS) - process requirements for optimal application<br>Uwe Risle, Gennadi Schadrin, Glaston Germany |
| **9:25** | Thermal loads on Vacuum Insulated Glazing (VIG)-Hybrids - Experimental and numerical Investigation<br>Franz Paschke, TU Darmstadt | Automated white haze detection in the tempering process<br>Riku Färm, Glaston Finland Oy<br>Peter Pfannenstill, Soft Solution | A Proposed Method for Predicting the Load Resistance of a Particular Type of Ceramic Enamel Glass<br>Michael Brackin, Beason Brackin & Associates | Curved Glass: Modernizing Form and Function in Convex and Concave Applications<br>Javier Sanchez-Gil, Cristacurva | Benefits of low weight and durable borosilicate glasses in transportation<br>Hubert Wieseke, SCHOTT Technical Glass Solutions GmbH | Improving Sustainable Performance in Architectural Glass Design using Intelligent Sealants and Adhesives<br>Christian Scherer, H.B. Fuller \| Kömmerling |
| **9:50** | Innovative FEM for the thermal analysis of architectural glazing exposed to solar radiation. Proposal for a simplified engineering approach<br>Gianni Royer-Carfagni, University of Parma | Investigation of Breaking Stresses on Cut-Edge Quality<br>Adrian Lareida, IWF ETH, Zürich | Potential of thin glass-polycarbonate composite panels<br>Sebastián Andrés López, Universität Siegen, Siegen, Germany | Influence of Poisson's effect on the determination of the bending tensile stress of thin glass<br>Daniel Pfarr, TU Dresden | Main benefits from convection preheating in Automotive WS/SR production<br>Antti Aronen, Glaston Finland Oy | The Extent of Condensation: How much does Condensation Resistance (CR) Rating actually tell us?<br>Helen Sanders, Alexandra Blakeslee, Technoform North America |

**10:15** — Coffee break (45 mins) · one-to-ones · meeting with sponsors etc

| | Research & Development | Tempering / Pre-Processing | Structural Glass Applications | Complex Geometry | Automotive and Display Units | IGU & Window Technology |
|---|---|---|---|---|---|---|
| **11:00** | Numerical Modelling of UV-curing acrylate adhesives<br>Alexander Pauli, University of the Bundeswehr | Investigation of cooling systems in a glass grinding process<br>Adrian Lareida, IWF ETH, Zürich | Structural Performance of Glass to Iron-based Shape Memory Alloy Adhesive Shear Joints Considering the Effect of Temperature<br>Zhikang Deng, ETH Zurich | Optimizing methodologies for cold bending of glass<br>Valerie hayez, DOW Silicones | Application of ultrathin glass in cars–A feasibility study<br>Wilma Dewald, Volkswagen AG | An enhanced model of thermo-mechanical loading on a Vacuum Insulated Glazing<br>Antti Aronen, Glaston Finland Oy, University of Sydney |
| **11:25** | Assessment of different concepts for pre-stressing glass beams with iron-based shape memory alloy elements<br>Vlad-Alexandru Silvestru, Institute of Structural Engineering, ETH Zurich | Partial processing and method imports from other industries<br>Jukka Vuoristo, Volframi Oy Ltd | Laminated Glass vs. Laminated Safety Glass-influence of coatings, PV or fire resistance<br>Geralt Siebert, University of the Bundeswehr | (Stop) Pushing the Envelope: Achieving the World's Largest Cold Bent Façade with Computation and 3-Dimensional Framing<br>Keyan Rahimzadeh, Front, Inc., London | **Business Case Studies**<br>Temper Scanner 5D: the new complete metrology scanner after furnace exit and its capabilities for furnace optimization and quality control<br>Sandra Kugler, Viprotron GmbH | Vacuum insulated glazing - manufactured in vacuum<br>Dr Zheng DU, LEADUS Glass |
| **11:50** | Next Generation privacy protection technology against unwanted views and visual hacking<br>VTT Technical Research Centre of Finland | How to change the tempering process control from settings to specifications<br>Antti Aronen, Glaston Finland Oy | Safety concept for the assessment of different failure scenarios on load-bearing glass structures<br>Nathalie Nießer, Universität der Bundeswehr | **Coatings Technology & Applications**<br>Roll-to-roll deposition of thermochromic coatings on flexible glass<br>Matthias Fahland, Fraunhofer FEP | Insights to emissivity changes during tempering processes and its potentials for utilization<br>Marcus Klein, SURAGUS | **Glass and Sustainability in Buildings**<br>Façade futures: Unplanned obsolescence and the looming threat posed by the facade to future building performance<br>Stephen Selkowitz, Lawrence Berkeley National Laboratory |
| **12:15** | Lunch break (1,5hrs) · one-to-ones · other meetings | | | **12:15-12:40** | Correct temperature measurement during tempering process of different types of coated glass<br>Ingo Stahlkopf, Optris GmbH | Human Centric Design–The Need to Re-Evaluate Modern Solar Control and Low-E Coated Glass<br>Benjamin Beer, Werner Sobek |

**Lunch break (1hrs)**

| | Research & Development | Tempering / Pre-Processing | Structural Glass Applications | Coatings Technology & Applications | Business Case Studies | Glass and Sustainability in Buildings |
|---|---|---|---|---|---|---|
| **13:45** | Characterization of polymeric interlayer materials in the laminated state using fibre optic sensors<br>Christian Hammer, Thorsten Weimar, Universität Siegen | Probabilistic assessment of tempered glass failure based on high fidelity process and in-service modelling techniques<br>Asier Iglesias, Mondragon Unibertsitatea | Wide span glass roofs: Design-Structural analysis–Errors<br>Barbara Siebert, Dr. Siebert and Partner Consulting Engineers PartGmbB | Transparent sunlight-activated antifogging metamaterials<br>Iwan Hächler, ETH, Zürich | Optical Distortion in tempered glass–a claim or a feature and how to visualize it<br>Michael Elstner, AGC Glass Europe, Eclat Digital | How a holistic approach enables the production of Low-Carbon float glass, with an embodied C02 footprint reduced by 40%?<br>Hugues Lefevre, AGC Glass Europe |
| **14:10** | Appearance, properties and prevalence of small glass inclusions<br>Timon Peters, Technische Universität Darmstadt | Breakage probability of nickel sulphide inclusions in heat strengthened glass<br>Francis Serruys, Saint-Gobain | Finite element analysis of a glass structure in a superyacht superstructure<br>Danie Wium, Ghent University | Selective alloying of thin silver films: a strategy for next generation energy-saving windows<br>Kostas Sarakinos, MIMSI Materials AB | Making glass flatness a standard<br>Juan Pablo Martinez, Tecnoglass | The Performance of Glass as Cladding Material in Long-Span Biome Structures<br>Eoin Casserly, VOLUTA, Sligo |
| **14:35** | Energy Embodiment and Carbon Footprint of the process of thermally toughening glass<br>Cenk Kocer, University of Sydney | **Facade Engineering**<br>New Glass Screen System with slender tempered glass stiffeners<br>Shoji Maebashi, Total Co., Ltd, Chino, Japan | The BAM approach for the calculation of double and triple Insulating Glass Units<br>Laura Galuppi, University of Parma | Multilayer Optical Films for Glazing Applications<br>Raghu Padiyath, 3M Company | OPC 40301: Standardization of machine interfaces for flat glass processing<br>Markus Schoisswohl, HEGLA GmbH<br>Klaus Mühlhans, A+W Software GmbH | Glass Marking – Material Passport with Quality Control Functionality<br>Graham Coult, Eckersley O'Callaghan |

**15:00** — Coffee break (45 mins) · one-to-ones · other meetings

| | Research & Development | Facade Engineering | Structural Glass Applications | Coatings Technology & Applications | Business Case Studies | Glass and Sustainability in Buildings |
|---|---|---|---|---|---|---|
| **15:45** | | N-AM \| Design to Manufacture of Complex Building Envelopes \| Single-layer Envelopes, Standard Profile Systems, and 3D-printed Metal Nodes<br>Alamir Mohsen, Lithium Designers GmbH | | Quality Control for Conductive Coatings in Architecture, Automotive, Smart and Solar Glass Applications Across the Value Chain<br>Marcus Klein, SURAGUS | Mobile digitizing at ease<br>Klaus Mühlhans, A+W Software GmbH<br>Kai Vogel, Viprotron | STRATO: structural and carbon-free interlayers shake up the safety-glass industry<br>Marco Bresciani, Satinal s.p.a. |
| **16:10** | | NEERO-Façade – A new concept of façade design with lightweight thin glass-plastic-composite panels<br>Julian Hänig, TU Dresden | | What are Protective Coatings for glass and what role do they play?<br>Adrian Ray, National Glass Association | Retrofitting of additional functions in the building cover through the use of mobile laser technology<br>Thomas Rainer, HEGLA boraident GmbH & Co. KG | Sustainable products in float glass (with special focus on ECHA microplastics guideline–Annex XV)<br>Michael Emonds, BASF/Chemetall |
| **16:35** | | | | | Sustainable and digital - on the way to a circular economy for glass and facades - creating a REAL digital twin<br>Andreas Bittis, Saint-Gobain Glass | In situ detection of product age and argon concentration as measure of the re-use potential of insulation glass in buildings<br>Elke Van Nieuwenhuijzen, Amsterdam University of Applied Sciences |

**17:00** — Break / happy hour

**19:30-03:30** — Farewell party

# PARTICIPANT REGISTRATION & HOTEL RESERVATION

## Register now!

Participant registration is available at the GPD website. Two options of the conference registration fees are available.

**The conference ticket** option is 1,390 € + 24%VAT. It does not include the pre-networking activity on June 13 and the conference dinner on June 15.

**The VIP ticket** option in 1,540 € + 24%VAT. It includes the pre-networking activity and the conference dinner. See illustration below for more info on what is included in the registration fees.

### CONFERENCE TICKET

**1,390 €**

+ service fee, + VAT 24%

- Two-day conference access GPD 2023
- All inclusive catering
- Networking platform activities
- Get-together party
- Farewell party

### VIP TICKET

**1,540 €**

+ service fee, + VAT 24%

All the included in the conference ticket plus:

- Pre-networking event
- Conference dinner

During the registration process for the conference, you can also select and register for specific workshops and the evening networking activities. Participating in any workshop comes at an additional fee of 170 € + VAT 24%.

To register, go to https://gpd.fi/events/gpd-finland-2023/registration-visitor-information/

## Hotel Reservation

Please, keep in mind that during the time of the Conference, Tampere hotels may be fully booked. For this reason, we encourage you to book your hotel room immediately after finalizing your registration. For your convenience, GPD has a limited number of rooms allocated in the hotels listed on our website at
https://gpd.fi/events/gpd-finland-2023/registration-visitor-information/#hotels

More information at https://gpd.fi/events/gpd-finland-2023/


## Sponsored by

Platinum Sponsors

Gold Sponsors

Silver Sponsors

## Organized by

www.glaston.net
www.gpd.fi

CONTACT INFORMATION:

**Mr. Brown Onduso**
brown.onduso@gpd.fi
Tel. +358 40 773 9313

**Mar Fernández-Aliseda Garrido**
Conference Coordinator
mar.garrido@gpd.fi
Tel. +358 46 921 3833

**Glass Performance Days**
P. O. Box 25, 33731 Tampere, Finland
gpd2023@event.gpd.fi
Tel. +358 10 500 500