

# 4<sup>TH</sup> INNOVATIVE GLAZING GLOBAL SUMMIT

BERLIN, GERMANY

28 - 29 April 2022

## CHAIRMAN



Dieter Moor  
CEO  
ClearVuePV



Andreas Bittis  
International Market Manager  
Saint-Gobain



## SPEAKER LINE-UP



Agnes Koltay  
CEO  
Koltay Façades



John Downes  
Global Head  
of Façade Supply Chain  
Lendlease



Sanmukh Bawa  
Technical Director  
G-Smatt Europe  
Founder  
The Glass Company Limited



THE GLASS COMPANY



Dmytry Kunytsia  
Structural Design  
Engineer Façade Glazing  
Elita Burji LLC



Vladimir Marinov  
Director  
Define Engineers



Nenad Simic  
Founder and CEO  
Hyperfacade



Esra Serdar Aydinoglu  
Architect - Product Manager  
(Architectural Glass and Franchise)  
Sisecam Flat Glass



Mauro Overend  
Chair of Structural  
Design & Mechanics  
TU Delft



Paul-Rouven Denz  
Head of R&D  
Priedemann  
Façade-Lab



Charlie Sharman  
CEO  
Cantifix Ltd



# 4<sup>TH</sup> INNOVATIVE GLAZING GLOBAL SUMMIT

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We are excited to return for the **4th Innovative Glazing Global Summit**, which will take place on the **28th - 29th of April 2022** in **Berlin, Germany**. Smart glass and glazing technology are transforming many built environments to make them more modern, energy efficient and flexible. That is why this edition will focus on the latest innovations and best practices within the glass industry to share knowledge on recent projects and trends, while providing you with plenty of networking opportunities to build connections with the best in the industry.

## This event will focus on key topics such as:

- Creating smart windows that are compatible with the latest technology
- Building integrated photovoltaics benefits
- Self-cleaning coatings reducing the impact of SHGC in buildings
- Gas-filled cavities vs air-filled cavities impacting the U-value of windows
- Creating jumbo glass with increased sightlines and minimal frames
- Latest advances in glass coating technology and applications
- Dynamic Windows Offer Significant Benefits but Are they Right for Every Project? How to Decide if they are the Appropriate Solution for Your Scenario

## Take A Look At A Previous Edition



## Explore Our Hybrid Events' Experience



## Who Should Attend

This summit will gather together CEOs, VPs, Directors, Heads, Managers, Leads, Senior Level Executives and Researchers from the following fields of expertise:

- Materials Science
- Architectural Glass
- Façade Engineering
- Photovoltaic Technology
- Glazing Systems & Machinery
- Cost Estimation
- Glass Processing Technology
- Flat Glass Production
- Coating Technology
- Sustainability & Green Building
- Research and Development
- Structural Engineering
- Window Installation & Replacement



**X 12+ Industry Case Studies**



**X 20+ Hours of networking:**

forge new professional contacts during numerous networking breaks between sessions & during the special Networking Dinner on Day 1



**X 100+ Pages of the Post-Summit Materials**  
documentation package available upon demand\*

## Sponsorship, Exhibition & Speaking Opportunities

Partnering with Luxatia International means more than making the right contacts – it means being an insider, connected to the right people with the right level of influence, and being allied with a globally respected organization and leader within your industry.

To learn more about the benefits of sponsorship, exhibition and speaking opportunities and how to become more involved, please contact us [info@luxatiainternational.com](mailto:info@luxatiainternational.com)



08:30 Check-In and Welcome Coffee ☕

09:00 Opening Address from the Chairman

09:10 "Breaking the Ice" Speed Networking Session

Meet your colleagues, exchange business cards and have a maximum number of 1-on-1 talks in a short space of time! Our Speed Networking session will help you to form those initial relationships early, find out who is facing the same challenges as you and get a nice preview of what a longer conversation could bring!

## DISRUPTIVE TECHNOLOGIES TRANSFORMING GLASS APPLICATIONS

09:50 SPONSORSHIP SLOT



### "Reduce the Glare" Dynamic Glass with Integrated Voice Controlled Speaker Systems

- Optimise daylight and outdoor views with simple voice commands
- Provide occupant flexibility by allowing them to control the dynamic tinting of the glass without the need for facilities management intervention
- How to integrate this system with other building management components

10:30 Case Study: 🔍

### Turning Glass into an Immersive Experience \*

- How transparent media glass is being used around the world
- Integrate your projects with other AV technologies to deliver an immersive experience
- Transparent displays are the future but the future is NOW

**Sanmukh Bawa**

Technical Director

**G-Smatt Europe**

Founder

**The Glass Company Limited**

THE GLASS COMPANY



11:10 Morning Coffee and Networking Break ☕

11:40 Case Study: 🔍

### HYPERFACADE

- Programing envelope
- One-to-many
- Multidimensional modeling
- Quantum twins
- Beyond material

**Nenad Simic**

Founder and CEO

**Hyperfacade**

HYPERFACADE

## INNOVATIVE SOLUTIONS TO IMPROVE BUILDING DESIGN & PERFORMANCE

12:20 Case Study: 🔍

### iWin – Glass as a Data Carrier

- Tracking the product AND delivering the data with it
- Track the details of the glazing elements offered, ordered and delivered. This includes the technical data before delivery as well as the status on the construction site, after installation and during maintenance

**Andreas Bittis**

International Market Manager

**Saint-Gobain**



13:00 Business Lunch 🍽️

14:00 Case Study: 🔍

### Innovation in Building Design through Algorithmic Engineering and Design

- The ultimate goal in digitalising the engineering process is to be able to provide project specific platforms which are capable of providing the client/architect with the engineering solution without the need for the engineers
- The proposition does not eliminate the need for creative design process, just the opposite it allows the creative stage to be prolonged
- Define Engineer's director Vladimir presents some of the technological advancement of the team through years of R&D to push every aspect of the design process to full automation

**Vladimir Marinov**

Director

**Define Engineers**

**define  
engineers**

14:40 Case Study: 🔍

### Is Double-Glazing Technology Still the Best for Reducing the Heat Transfer of Windows and Improving Insulating Characteristics?

- What are the causes and consequences of reducing heat transfer of windows?
- How do we usually handle this?
- Don't fix the problem – prevent it!
- How these improvements will affect the consumer economically

**Dmytry Kunytsia**

Structural Design Engineer Façade Glazing

**Elita Burji LLC**



15:20 Afternoon Tea and Networking Break ☕

15:40 Case Study: 🔍

### Active Building Skin: Interdisciplinary Project and Product Development

- Façade systems for fully glazed high-rise buildings.
- Energy harvesting through BIPV and BIST.
- Collaborative project and system development for energy-efficient and user-friendly building skins.

**Paul-Rouven Denz**

Head of R&D

**Priedemann Facade-Lab**

**priedemann  
facade experts**

16:20 Panel Discussion 🗣️

### Dynamic Windows Offer Significant Benefits but Are they Right for Every Project? How to Decide if they are the Appropriate Solution for Your Scenario

17:00 Chair's Closing Remarks and End of Day One

\* TBC



08:30 Check-In and Welcome Coffee



09:00 Opening Address from the Chairman/Recap of Day 1

## THE LATEST TRENDS IN GLASS DESIGN

09:10 SPONSORSHIP SLOT



### Solutions that Retrofit the Existing Glazing Installations to Reduce Costs and Wasteful Activity

- Retrofitting double glazed windows
- Retrofitting in a variety of building conditions
- Retrofitting measures and the potential of reducing excessive electricity consumption

09:40 Case Study:

### Playground at Height - Fully Glazed Skyslide in Dubai

- Brief introduction to Sky View twin towers (63F and 54F with 3 storey connecting bridge) in Dubai
- Architectural and engineering design development of the glass slide attraction
- Design principles of a safe and very transparent structure
- Procurement and testing
- Installation and commissioning of the slide

**Agnes Koltay**

CEO

**Koltay Façades**



10:10 Morning Coffee and Networking Break



10:40 Case Study:

### Designing Façades for NetZero Buildings \*

- Role of façades in the construction sector's roadmap
- Material of the future: Making choices with reduced carbon levels
- Ways to contribute to the industry's Net-Zero Carbon target

**John Downes**

Global Head of Façade Supply Chain

**Lendlease**



11:20 Case Study:

### Glass in 2050: Trends and Challenges in the Future

- What is smart?
- What is next?
- What is best?

**Esra Serdar Aydinoglu**

Architect - Product Manager

(Architectural Glass and Franchise)

**Sisecam Flat Glass**



12:00 Business Lunch



13:00 Case Study:

### Glass Re-use: Challenges & Opportunities \*

TU Delft's "Re3 Glass" aims to tackle the problem of glass waste by introducing circular, reusable and recyclable cast glass architectural components, made of currently difficult-to-recycle glass, such as construction & demolition glass, glass for electronics, automotive glass, etc. The inherent flexibility of casting allows for the recycling as-received of contaminated glass and of glass of mixed compositions, without involving costly and energy-intensive separation methods.

**Mauro Overend**

Chair of Structural Design & Mechanics

**TU Delft**



13:40 Case Study:

### Daylight as a Construction Material

Glass has the power to improve our health and wellbeing, the potential to change the way we see the World, the flexibility to allow complex designs to be realised, whilst also providing engineering strength. Using real case studies of completed projects, Charlie will demonstrate why we should never limit our thinking about the use of glass in Construction.

**Charlie Sharman**

CEO

**Cantifix Ltd**



14:10 MASTERMIND SESSION



Tell your peers about the problems you are struggling with and hear the honest feedback. Give a colleague the nudge in the right direction sharing your own perspectives on common problems. Our Mastermind session will give you a unique chance to brainstorm and find solutions to what you are struggling with. Get the best out of the experience!

14:50 Case Study:

### Analysing the Benefits of Static Coatings vs Dynamic Coatings

- Comparing static coating technologies with fixed optical properties to dynamic coatings
- Enhancing optical and thermal performances
- The recent evolution in electrochromic and gasochromic

**Speaker TBC**

15:30 Chairman's Closing Remarks and End of Summit

\* TBC

## About Us

Luxatia International specialises in bringing people together through outstanding strategic business conferences & summits, professional training and b2b congresses. We maintain the highest standards of quality in research and market analysis, finding the right issues and then producing high-profile events.

We accelerate growth across industries and across the globe by bringing together world leading experts who provide cutting-edge information to business authorities.

## 6 Reasons To Choose Us

- Comprehensive Market Research
- Cutting-Edge, Market Driven, Quality Programmes
- Facilitated Networking Opportunities
- Ultimate Meeting Point for Modern Decision Makers
- Unparalleled Speaker Line-Ups
- Exclusive Branding Opportunities

# SPOTLIGHT ON OUR SPEAKERS

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GLAZING  
GLOBAL SUMMIT

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**Dieter Moor**  
CEO  
ClearVuePV

Dieter Moor commenced employment as a technician in several engineering and architectural offices before commencing his tertiary education at the University of Natural Resources and Life Sciences in Vienna/Austria. Graduating as a civil engineer, with a focus on renewable energy at, Dieter proceeded to develop biogas plants, hydro power stations, wind farms and photovoltaic systems for Austria's first fossil and nuclear free energy supplier.

With the experience gained from both the architectural and the renewable engineering world, Dieter built up the business at ertex solar – a recognised, global BIPV company with more than 2.000 projects realized.

From May 2021 on - Dieter started to establish the Australian smart building material producer ClearVue PV on the European Market.



**Nenad Simic**  
Founder and CEO  
Hyperfacade

Nenad Simic is the co-founder and CEO of Hyperfacade. Using the latest technology, Hyperfacade's mission is to fully integrate all stages of the building envelope's life-cycle: from initial design, through system development, production documentation, fabrication and assembly, to construction and maintenance management. As a result, a full digital replica – Hyperfacade – serves as one central model, providing not only multiple coherent outputs during construction phase, but also multiple valuable inputs through real-time link with the real-world physical envelope once it is built, adding numerous benefits to facility management. These two, real and virtual façades, are interactively connected and act as one mixed-reality system providing numerous benefits to developers, architects, manufacturers, contractors, and end-users.



**Esra Serdar Aydinoglu**  
Architect - Product Manager  
(Architectural Glass and Franchise)  
Sisecam Flat Glass

Esra Aydinoglu graduated from TED

Esra Aydinoglu graduated from TED Ankara College in 1990. She received her Bachelor of Architecture Degree from Middle East Technical University, Faculty of Architecture in 1994. After graduation, she worked for Erkut Sahinbas Architectural Office, ZD Contruction, Archipel Architectural Office. Her experience includes several projects for education, housing, tourism, and commercial design. Since 2006 she has been working for Sisecam Flat Glass company, Trakya Cam. She is working as a product manager for coated glass.



**Paul-Rouven Denz**  
Head of R&D  
Priedemann Façade-Lab

PAUL-ROUVEN DENZ studied architecture and urban planning at the University of Stuttgart and the E.T.S.A. Madrid with a focus on "resource-efficient construction" and "building construction". Mr. Denz has gained a wide range of experience during showcase building and research projects on sustainability in Germany and abroad. He also successfully participated in architectural and innovation competitions. Paul-Rouven Denz worked among others at Foster & Partners (London), Werner Sobek (Stuttgart), Fraunhofer IAO (Stuttgart), IBK2 (University of Stuttgart, Stuttgart), Gutierrez-de-laFuente Arquitectos (Madrid) and ATOL architects (Shanghai). At Façade-Lab, the competence center of Priedemann Façade Experts group, Mr. Denz focuses as Head of R&D on research on new façade technologies, materials, systems and planning processes. Since 2017 Paul-Rouven Denz is also a PhD guest researcher at TU Delft, Faculty of Architecture and the Built Environment, investigating Smart Textile Skin solutions for material and energy efficient building envelopes.



**Agnes Koltay**  
CEO  
Koltay Façades

Agnes Koltay has a Masters both in Architecture (Hungary, USA) and Façade Engineering (UK). This mixed background enables her to understand the architectural design process and organically integrate her technical approach to co-develop innovative solutions for façades. She has worked with award winning architects and multidisciplinary engineering firms in the UK and UAE prior to establishing Koltay Façades in Dubai in 2011. The firm is currently one of the largest specialist façade engineering teams in the region and contributes to defining new landmarks in the UAE and worldwide.



**Dmytry Kunytsia**  
Structural Design Engineer Façade Glazing  
Elita Burji LLC

I started my career as an estimating engineer in 2014 at Zenith company, that produced aluminum profiles for its own glazing systems. Since 2015 I worked in several Ukrainian glazing companies, where I improved my skills and became a project designer. Although I worked in Ukraine, I had foreign projects in the US and UK, that included façade glazing, windows, skylights, wall cladding, glass railings, louvers, etc. I have been living and working in Tbilisi, Georgia for the last 2 years. Here I participated in several major projects, which in total amounted to more than 10,000 square meters of façade glazing and wall cladding. I'm currently working on Alliance Highline as the lead project designer. This is a residential complex stands out through its exclusive architecture and consists of three towers (40, 33 and 26 floors in height, respectively) in the heart of Tbilisi.



**Andreas Bittis**  
International Market Manager  
Saint-Gobain

Andreas is a Market Manager for Façade & Project business and Product Manager Coated Glass at Saint-Gobain Glass in Germany. He started at Saint-Gobain in 2012 as an Architectural Specification Manager and some of his skills rely e.g. in Architectural and Sustainable Design. Some of his previous companies include Eller + Eller and oxen + partner architekten.