

# GLASS PERFORMANCE DAYS 2017

## STEP CHANGE

#STEPCHANGE

ALL EYES  
ON GLASS.

GLASS PERFORMANCE DAYS 2017  
28-30 JUNE 2017. TAMPERE, FINLAND

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# STEP CHANGE 2017

WEDNESDAY 28 JUNE

THURSDAY 29 JUNE

FRIDAY 30 JUNE

8:00

STAND SET-UP @ TÄHTI AREENA

REGISTRATION @ TÄHTI AREENA

MEETINGS & NETWORKING

9:30

PITCH CAMP

- Location TBA.
- Hosted by Tredea and Accelerando

\*mentors and investors welcome by invitation for pre-view of the teams.

MEETINGS & NETWORKING

IN-SESSION PITCHES

IN-SESSION PITCHES

12:00

PITCHING COMPETITION

LUNCH

MEETINGS & NETWORKING

IN-SESSION PITCHES

13:30

MEETINGS & NETWORKING

IN-SESSION PITCHES

16:00

CPD OPENING CEREMONY

GET-TOGETHER PARTY

19:30

WINNER OF PITCHING ANNOUNCED  
CONFERENCE DINNER

19:00 - DAWN

FAREWELL PARTY

THIS PROGRAM IS TENTATIVE AND MAY BE SUBJECT TO CHANGE



# STARTUPS PARTICIPATING IN STEP CHANGE 2017

## ADVENIRA

[www.advenira.com](http://www.advenira.com)

Advenira's SDN® Coating Technology Platform opens disruptive Opportunities for Glass Fabricators - creates differentiation factors, improves operating margin and delivers value-added products to customers at a very competitive price. SDN® addresses various segments - allows Solar Heat Control, Energy Efficient, Anti-Soiling, Anti-Reflective, Anti-Abrasion, Diffusion Barrier and other solutions. -Low-Cost · Non-Vacuum · Liquid-Based · High Throughput · Flexible-



## AKKA ARCHITECTS

[www.akkaarchitects.com](http://www.akkaarchitects.com)

At AKKA, we are a team of architects, engineers, designers, urbanists, strategists and thinkers, specialized in designing spaces that foster interactions.



## BENEQ

[www.beneq.com](http://www.beneq.com)

Beneq® is a leading supplier of Atomic Layer Deposition equipment and thin film coating services, and the world's premier manufacturer of thin film electroluminescent displays.



## BLITZZ

[www.blitz.co](http://www.blitz.co)

Blitz is a smart, video engagement platform for businesses to provide exceptional customer-centric support to their customers especially around physical equipment and devices where visualization is the corner stone of support. Blitz resolves customer issues 10X faster at half the cost.



## BRITE SOLAR GLASS

[www.britesolar.com](http://www.britesolar.com)

Brite Solar was founded in 2009 to develop a third generation dye sensitized solar cell for greenhouse applications.



## CANATU

[www.canatu.com](http://www.canatu.com)

Canatu is an innovative developer and manufacturer of 3D formable and stretchable transparent conductive films and touch sensors. Canatu's solutions bring the design freedom and user interface to the next level for 3D shaped and curved devices. Canatu supplies the unique CNB™ films and touch sensors for touch module vendors and OEM's in several industries, for example consumer electronics and automotive. Canatu originates from the high-tech University research in Finland. Canatu Headquarters in Finland with sales locations in Europe, US, China and Taiwan, Japan and Korea. Canatu - Shaping surfaces into experiences.



## DELTA CYGNI LABS

[www.deltacygnilabs.com](http://www.deltacygnilabs.com)

Delta Cygni Labs develops POINTR Easy Remote Support - Augmented Reality based remote collaboration solution for industry and professionals. It gives your customer service and field support teams unbeatable response time. POINTR enables productivity improvements in all technical troubleshooting.



## DRIVE WITH BELRON

[www.drivewithbelron.com](http://www.drivewithbelron.com)

Drive with Belron is Belrons' startup accelerator, designed to fast track disruptive young businesses looking for global expansion



## ELIGO STUDIO

[www.eligo.studio](http://www.eligo.studio)

We in Eligo.Studio help industries with their challenges, by bringing elements from game world. We focus mainly on VR- and AR-software development, design and usability for our customer's needs. By using our own framework we speed up projects. Our strong Unity know-how fits perfectly well in VR- and AR-development.



## FLEXBRIGHT

[www.flexbright.fi](http://www.flexbright.fi)

Flexbright is a Finnish startup who concentrates on making LED-FOIL-laminates for automotive glass



## GAUZY

[www.gauzy.com](http://www.gauzy.com)

Gauzy is a vendor of material science, focused on the research, development, manufacturing, and marketing of liquid crystal technologies, utilized by diverse industries, including automotive, retail, commercial, hospitality, healthcare and more. LCG®, Liquid Crystal Glass, provides a unique upgrade to any space: opacity for privacy and projection when you need it, and transparency for an open atmosphere when you want it - on demand.



## GLASSIFY

[www.shoparc.com](http://www.shoparc.com)

Glassify is a web-based search and comparison tool for architectural glass. It intends to bring architects and the glass industry together to exchange mutually beneficial information through a single, global, bi-faceted platform.



## GLOWWAY

[www.glowway.com](http://www.glowway.com)

Glowway is a manufacturer of photoluminescent pathway markings and signs. Patented Glowway tiles improve navigation in emergency situations as well as everyday conditions. We combine safety and design without forgetting accessibility and the environment. Our products are also great for decorative purposes.



#### HELIOTROPE TECHNOLOGIES

[www.heliotropetech.com](http://www.heliotropetech.com)

Heliotrope was founded around the novel application of unique and patented Colloidal Nano Crystalline Technology to provide a neutral grey product platform, at significantly lower cost than conventional approaches. Our business model is designed to coexist and leverage existing glass company infrastructure and channels, providing upside potential to our partners who wish to participate in the new emerging Electrochromic market solution. Heliotrope is based in Alameda California.



#### HYPERMEMO

[www.hypermemo.eu](http://www.hypermemo.eu)

Hypermemo is a Joensuu, Finland based startup working with a new generation of CO<sub>2</sub>-pulse lasers specializing in working with glass



#### INFORM DESIGN

[www.inform-design.se](http://www.inform-design.se)

Inform Design AB is a consulting practice initiated in 2017. Our field of work is in Facades, Building Physics and Indoor Climate with an emphasis on highly glazed constructions. Our goal is to add value in projects by suggesting facade options that serve design and ensure enhanced envelope and building performance.



#### INMATIC

[www.inmatic.com](http://www.inmatic.com)

We help manufacturers to turn hard work into child's play with the use of computers and cloud computing



#### JOHN DE BAERE CONSULTING

[www.jdbconsulting.be](http://www.jdbconsulting.be)

JDB Consulting was founded in January 1st 2016, when he started his own consultancy company. His specialities lie in glass processing, industrial benchmarking, business and product development across the industrial markets. He is based in Ghent (Belgium)



#### LIGHTGLASS TECHNOLOGY GMBH

[www.lightglass.net](http://www.lightglass.net)

The Vienna-based company LightGlass Technology GmbH develops and licences self-luminous glass in daylight quality as well as glass with integrated technical modules for the international industry.



#### MICRON3DP

[www.micron3dp.com](http://www.micron3dp.com)

MICRON3DP - Pioneering High Resolution Multi-color Molten Glass 3D Printing.

MICRON3DP is an Israeli start-up company (member of the IMC Group of ISCAR) being the first to demonstrate molten glass 3D Printing, is now announcing the next level in its technology maturity.

The technology is based on the FDM process which is implemented at extremely high temperatures, way above 1000C. Currently, MICRON3DP is using three types of glass: Soda lime, Borosilicate and Crystal glass, and is constantly adding new types of glass materials.

#### MIMSI MATERIALS AB

[www.mimsimaterials.com](http://www.mimsimaterials.com)

MIMSI Materials AB is a LEAD incubator company based in Sweden that has developed a completely new way to grow ultrathin silver films crucial for raising the performance of low-e coatings that are exploited in the glazing industry. This new material is synthesized using a proprietary method based on Physical Vapor Deposition (PVD) that can access entirely new material properties at the macroscopic scale by configuring matter at the nanoscale to assemble functional-rich mesoscale architectures. Our unique selling point is our ability to exploit this symbiotic relationship between the nano, meso and macroscopic scales for directed material discovery, enabling industrial customers to transform possibilities into reality.



#### NEXT ENERGY

[www.nextenergytech.com](http://www.nextenergytech.com)

NEXT is a Santa-Barbara, CA company developing transparent energy harvesting window technology that allows architects and building owners to transform windows and glass facades into producers of low-cost, on-site, renewable energy for buildings.



#### POCADEL

[www.pocadel.fi](http://www.pocadel.fi)

We provide a wide range of B15 and A60 glass structures for passenger ships and Offshore platforms and vessels. We produce safe and lightweight fire resistant glass doors and wall partitions for marine and offshore use. Products are for both new buildings and conversions.



#### POLYMER EXTRUSION TECHNOLOGY INC

[www.glassglam.com](http://www.glassglam.com)

Polymer Extrusion Technology is a US-based startup working on a new generation of flexible spacers for IGU's.

#### PRIMOCELER

[www.primoceler.com](http://www.primoceler.com)

Primoceler is a Tampere based company working with electronics and glass bonding for optical technologies. Our customers are electronic, optical, medical and aerospace companies. Our core business is electronics and optics, medical implants as well as aerospace, we have worked on high-reliability optics for ESA-satellites.



QUVA

[www.quva.fi](http://www.quva.fi)

Quva Oy is an industrial big data analytics company. Quva's turn key Quva® Flow proactive alarm system enables e.g. proactive quality control, real-time process optimization, and preventive maintenance in manufacturing operations. We help our customers to reduce quality claims and waste generated in production. Our public references include companies such as Outotec, SSAB, Outokumpu, ABB, and Stora Enso (Efora).



RAKKA CREATIVE

[www.rakkacreative.fi](http://www.rakkacreative.fi)

Rakka Creative oy is the leading Cinematic Virtual Reality production company in Finland. Rakka produces marketing and training solutions in Virtual Reality.

We provide full service from production to apps and devices. Our productions are highly acclaimed by our customers. Come visit our stand and let's discuss how we can help your product or service to stand out in the crowd!



STANFORD UNIVERSITY

[www.stanford.edu](http://www.stanford.edu)

At Stanford, we're building a new breed of electronically controlled dynamic glass to switch faster, last longer, and look better than existing electrochromic technologies.



STEALTHCASE

[www.stealthcase.fi](http://www.stealthcase.fi)

Modern society is critically dependent on ever growing wireless connectivity. We make walls and windows disappear with our patented signal amplifying technology.

STEALTHCASE

TEATIME RESEARCH

[www.teatimeresearch.com](http://www.teatimeresearch.com)

Teatime Research Ltd is a Helsinki (Finland) based company designing virtual reality (VR) applications and services. Our main work consists of interactive software for real estate industry and architectural visualization, manufacturing industry, VR storytelling and scientific solutions.



TRACKINNO

[www.trackinno.com](http://www.trackinno.com)

We at Trackinno Oy want to help you level up your business by reducing the amount of work, bureaucracy and headache related to asset management. To do that, we have developed a user-friendly equipment management cloud service, which makes managing your commonly used assets a breeze. Just tag your assets with our NFC/QR-code tags or enable asset management automation with our IoT tags!



TRELAB

[www.trelab.com](http://www.trelab.com)

TreLab Ltd is a high-tech company, which has developed a wireless smart measurement solution (Smart Tags, Smart Data Mill). TreLab solution improves real-time operational view on critical legacy Industrial Equipment and facilities. Fast, simply, and cost-efficiently.



UNSEEN

[www.unseen.fi](http://www.unseen.fi)

Unseen tech is a rapid prototyping company, who will make you a solution to your technology problem in one week.

UNSEEN<sup>TECH</sup>

VACUSTRUCT

[www.vacustruct.com](http://www.vacustruct.com)

vacustruct® is a low vacuum insulation glass building system for greenhouses and daylight buildings. Modules (up to 6m x 3m x 0,3m) with a framework made out of ultra high performance concrete with a patented double sealing, integrated shadow and heating elements and an u-value of 0,2W/(m² x K) will meet the demands of price-sensitive markets with huge volumes.



WISP LAYER

[www.wisplayer.com](http://www.wisplayer.com)

WISP makes a wire-free, cable-free retrofit EC 2.0 film (applied to the inside of window) could help property owners to create an easy, comfortable interior experiences--while maximizing light and views.



## STEP CHANGE 2017 PITCHING COMPETITION JURY MEMBERS

**Olli Pekka Kulmala**  
Chairman  
Varaani Works Oy & FIBAN

**Juha Liettyä**  
Senior Vice President Emerging Technologies  
Glaston Corporation

**Pekka Pärnänen**  
CEO/Founder  
MAD-Partners

**Nick Smith**  
Supply Chain Digital Innovation Manager  
Belron International Ltd.

**Veli-Pekka Vatula**  
Manager, Ideation & Innovation and Site Manager  
Intel Finland

PITCHING COMPETITION HOST

**Mr. Jussi Heinilä**  
Accelerando

## STEP CHANGE FACILITATORS

**Mr. Jouni Myllymäki**  
Senior Business Advisor  
Tredea

**Ms. Katja Koponen**  
Senior Business Advisor  
Tredea

**Mr. Jussi Toivonen**  
Customer Acquisition  
Tredea

## INVESTORS

**Mr. Eric Rapp**  
Chairman  
PDS IG Holding LLC

**Mr. Raimo Nieminen**  
Partner / Investor  
PDS IG Holding, LLC

**Mr. Pentti Salin**  
Retired, International Business Expert

**Mr. Sener Oktik**  
Head of Research and Technological Development  
Şişecam

**Dr. Mark Lim**  
Chief Technology Officer  
Kibing Investment Holding (S) Pte Ltd

**Mr. Juha Artama**  
CST Country leader Finland  
NSG Pilkington

**Mr. Jonathan Cohen**  
Kuraray

**Felix Bier**  
Kuraray

**Dr. Kevin Sanderson**  
R&D Program Director Architectural  
NSG Pilkington

**Mr. Sing Koo**  
Managing Director Germany  
NSG Pilkington

## MENTORS

**Ms. Stephanie Akkoui Hughes**  
AKKA Architects

**Dr. Thomas Schmidt**  
Dr. Thomas Schmidt & Partner

**Stephen Selkowitz**  
Lawrence Berkeley National Laboratory

**Mr. Michel Prassas**  
Corning

**Mr. Jonathan Cohen**  
Kuraray

**Mr. Pekka Pärnänen**  
MAD Partners

**Mr. John de Baere**  
John de Baere Consulting

**Mr. Jussi Heinilä**  
Accelerando

**Mr. Pekka Huuhka**  
Semi-retired SVP Glaston Services

**Prof. Olavi Uusitalo**  
Ambassador  
Holmark, Technical Uni. Tampere

**Mr. Tapio Nissinen**  
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