

STEP CHANGE 2017

WEDNESDAY 28 JUNE

THURSDAY 29 JUNE

8:00

STAND SET-UP @ TÄHTI AREENA

9:30

PITCH CAMP
– HOSTED BY TREDEA AND
ACCELERANDO

LOCATION: CONGRESS CENTER
ROOMS: MARS, JUPITER & SATURN
AT TÄHTI AREENA

16:00

GPD OPENING CEREMONY
GET-TOGETHER PARTY

REGISTRATION @
MEETINGS & NETWORKING
IN-SESSION PITCHING

12:00

PITCHING COMPETITION
LUNCH

13:30

MEETINGS & NETWORKING
IN-SESSION PITCHING

15:00

PITCHING COMPETITION
CONTINUES
COFFEE BREAK

19:30

WINNER OF PITCHING
CONFERENCE DINNER

THIS PROGRAM IS TENTATIVE AND MAY BE SUBJECT TO CHANGE.

9 JUNE

FRIDAY 30 JUNE

TÄHTI AREENA

WORKING

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WORKING

ES

TITION

HING ANNOUNCED
INNER

MEETINGS & NETWORKING

16:20–17:30

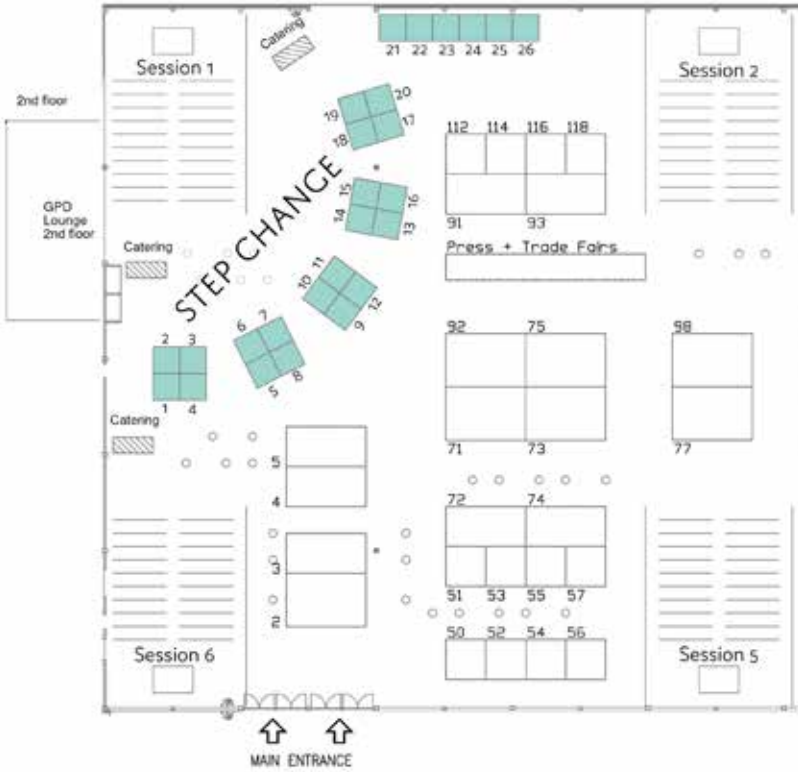
CLOSING CEREMONY KEYNOTE

PANEL DISCUSSION

19:00 – DAWN

FAREWELL PARTY

GPD 2017 LAYOUT





Booth Exhibitor

- | Booth | Exhibitor |
|-------|-------------------------------|
| 1 | AKKA Architects |
| 2 | Brite Solar |
| 3 | Flexbright |
| 4 | Gauzy Ltd |
| 5 | Hypermemo Ltd |
| 6 | Inform Design |
| 7 | Inmatic |
| 8 | MIMSI Materials AB |
| 9 | Next Energy Technologies Inc. |
| 11 | Vacustruct |
| 12 | Lightglass Technology GmbH |
| 13 | TreLab Ltd |
| 14 | Quva Oy |
| 15 | StealthCase Oy |
| 16 | Blitzz |
| 17 | UnSeen Technologies Oy |
| 18 | Eligo Studio Oy |
| 19 | Rakka Creative oy |
| 20 | WISP |
| 21 | Trackinno Oy |
| 22 | Advenira Enterprises, Inc. |
| 23 | Canatu Oy |
| 24 | Delta Cygni Labs |
| 25 | Micron3DP Ltd |
| 26 | Teatime Research Ltd |

STARTUPS PARTICIPATING IN STEP CHANGE 2017

ADVENIRA



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

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

BLITZZ



www.blitzz.co

Blitzz 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. Blitzz resolves customer issues 10X faster at half the cost.

BRITE SOLAR GLASS



www.britesolar.com

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

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 origins from the high-tech University research in Finland. Canatu Headquarters in Finland with sales locations in Europe, US, China, Taiwan, Japan and Korea. Canatu – Shaping surfaces into experiences.

DELTA CYGNI LABS

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



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

ELIGO STUDIO

www.eligo.studio



We gamificate our customers. We bring game world elements to help with challenges of other industries. We focus mainly on AR- and VR-software development, design and usability for our customers' needs.

FLEXBRIGHT



www.flexbright.fi

Flexbright is a Finnish startup who concentrates on making LEDFOIL-laminates for automotive glass.

GAUZY



www.gauzy.com

Gauzy is a vendor of material science, which develops, manufactures and markets liquid crystal technologies, which are embedded into raw materials by our global partners. We are a globally recognized leader in the development of LCG® (Liquid Crystal Glass). Our innovative science, mechanical controllers and certification programs support an ecosystem capable of creating smart glass solutions for sophisticated companies worldwide.

GLASSIFY



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

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

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

Hypermemo is a Joensuu, Finland based startup working with a new generation of CO2-pulse lasers specializing in working with glass.

INFORM DESIGN



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

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

JOHN DE BAERE CONSULTING

John de Baere
management & consulting

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. John de Baere is based in Ghent (Belgium).

LIGHTGLASS TECHNOLOGY GHBH

LIGHTGLASS

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

MICRON3DP

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. The company 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



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



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.

POLYMER EXTRUSION TECHNOLOGY INC

www.glassglam.com



WorldSpacer is the world's first stainless steel backed, flexible polyurethane spacer system. It's a new class of flexible spacer providing superior warm-edge performance for insulating glass units (IGU). WorldSpacer features a flexible matrix of UV resistant thermoset polyurethane and 3A molecular sieve. Having fog-free performance by nature, it is silicone free, preventing any potential silicone contamination of vapor barrier, or of the internal IGU air-space.

PRIMOCELER

www.primoceler.com

Primoceler is a Tampere, Finland 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.

PRIMOCELER

QUVA

www.quva.fi



Industrial Big Data Analytics

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



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



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

StealthCase, a start-up founded in 2014, solves mobile connectivity problems in modern energy-efficient buildings. We design cost-efficient passive signal repeating structures to aid mobile communications through wall structures. At GPD we are showcasing our unique technology for mobile friendly glass facades.

STEALTHCASE

TEATIME RESEARCH

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

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

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, simple and cost-efficiently.



UNITI



www.teamuniti.com

Uniti is a light electric vehicle made from sustainable composite materials and boasting unique features such as a fully electronic steering system and a full-screen augmented reality heads up display. Finally an electric city car that makes sense - not only in terms of design, engineering and innovation, but also as a company role model with open and sustainable business practices. #teamuniti

UNSEEN



www.unseen.fi

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

VACUSTRUCT



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

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

STEP CHANGE 2017 PITCHING COMPETITION JURY MEMBERS

Mr. Olli Pekka Kulmala

Chairman

Varaani Works Oy & FIBAN

Mr. Juha Liettyä

Senior Vice President Emerging Technologies

Glaston Corporation

Mr. Pekka Pärnänen

CEO/Founder

MAD-Partners

Mr. Nick Smith

Supply Chain Digital Innovation Manager

Belron International Ltd.

Mr. Veli-Pekka Vatula

Manager, Ideation & Innovation and Site Manager

Intel Finland

Mr. Stephen Selkowitz

Senior Advisor

Lawrence Berkeley National Laboratory

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. Oliver Hussey

Senior Business Advisor
Tredea



INVESTORS

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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

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Mr. Jonathan Cohen

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Managing Director Germany
NSG Pilkington

Mr. Juha Artama

CST Country leader Finland
NSG Pilkington

Mr. Andreas Tallberg

Managing Director
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Lawrence Berkeley National Laboratory

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Mr. Jonathan Cohen

Kuraray

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Mr. John de Baere

John de Baere Consulting

Mr. Jussi Heinilä

Accelerando

Jukka Harjunen

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SEE WHO'S COMING
TO STEP CHANGE

HAC
KGO

HOWELL



GB
25
YEARS

W.