



Proptech Summit Day Two

April 11th, 2024 PROPTech SUMMIT MAIN STAGE

PROPTech
SUMMIT MAIN
STAGE

09:00 Welcome

Our doors open at 09:00 - so you can start networking at the first coffee and secure the best seat

PROPTech
SUMMIT MAIN
STAGE

10:00 Welcome

Opening of the event with a warm welcome by the moderator.



Steffi Landerer
*Proptech Summit
Moderation*

PROPTech
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STAGE

🗣️ PRESENTATION

10:15 Ready for 2030? Or: Yes, it hurts, this transformation

How can the much-vaunted transformation of construction toward sustainability and climate protection be achieved? Where to start, how to continue? How can I make a contribution myself? And where do we want to go with everything we do? An impulse as an antithesis to the "always on" mentality.



Felix Jansen
*DGNB German
Sustainable Building
Council*

Host



Steffi Landerer
*Proptech Summit
Moderation*

10:45 The optimal path to sustainable construction

For new construction and existing projects, how can PropTech tools answer the question of when, how, and where which products and materials are available?



Dr. Patrick Bergmann
Madaster



Anja Rosen
C5



Christian Landes
N1 Trading



Isabelle Armani
ORIS Materials Intelligence



Dominik Campanella
Concular

Host



Michael Scharpf
Holcim

11:30 PropTech Summit Startup Awards, Part 2 + Award Ceremony

Here you can see innovative startups that present smart new solutions for the real estate industry. The best three will receive a PropTech Summit Startup Award - you vote!



Marcus Forrest
realCube



Tobias Petersen
ETA+

Host



Steffi Landerer
PropTech Summit Moderation

**PROPTech
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 PRESENTATION

12:00 Decarbonization in the housing industry

In order to decarbonize the property stock quickly and sustainably, prefabricated solutions for central heating are required. Air/water heat pumps can be used highly efficiently in conjunction with the existing radiators to generate regenerative heating energy, even without modernizing the building envelope.

Inner-city installation is possible if acoustic enclosures are used. However, sustainable operation of heat pumps requires the use of natural refrigerants. Gunnar Clemenz, Managing Director at dieBauingenieure, explains how climate-neutral operation can also be achieved by using the building's own electricity.



Gunnar Clemenz
dieBauingenieure

Host



Steffi Landerer
*Proptech Summit
Moderation*

**PROPTech
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STAGE**

**PROPTech
SUMMIT MAIN
STAGE**

 PANEL

DISCUSSION

12:30 Lunch break

Enjoy the food while making new contacts with visitors and exhibitors at the Construction & Proptech Summit.

13:30 Is overseas capital overrunning us or do we know how to seize our opportunity?

What about the willingness of german industry players and venture capital firms to invest in new technologies and startups?



Kai Panitzki
Bitstone Capital



Mateo Zimmermann
Cemex Ventures

Host



**Michél-Philipp
Maruhn**
Digitalwerk

14:15 Digitalization in housing companies / real estate management

How are leading companies in the industry dealing with the opportunities and challenges of digitization?



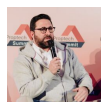
Andreas Miltz
LEG Immobilien-Gruppe



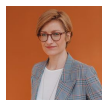
Klaus Straub
*Nassauische Heimstätte
Wohnungs- und
Entwicklungsgesellschaft*



Robert Betz
KPMG



Jens Huthoff
*GAG Ludwigshafen am
Rhein*



Franka Birke
metr



Stefan Klotz
PROMOS consult

Host



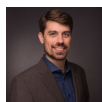
Markus Gerharz
Rotonda Business Club

15:00 Coffee break

Enjoy coffee and cake and make new contacts with the visitors and exhibitors of the PropTech Summit.

15:30 Sustainability in the real estate industry

How can the real estate industry improve its sustainability efforts both in terms of environmental impacts such as energy efficiency and CO2 reduction as well as social aspects and urban sustainability?



Gregor Steiger
*Nassauische Heimstätte
Wohnungs- und
Entwicklungsgesellschaft*



Daniel Gerdelmann
apoprojekt



Stephan Thoenissen
LEG-Immobilien-Gruppe



Thomas Demmel
Bton Group



Andrea Soyka
steg Hamburg

Host



Ernst von Stegmann
revalu

**PROPTECH
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16:15 Speaker Awards Prizegiving

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Steffi Landerer
*Proptech Summit
Moderation*

**PROPTECH
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STAGE**

17:00 Networking & Drinks for all participants

**PROPTECH
SUMMIT MAIN
STAGE**

19:00 End of Construction & Proptech Summit 2024



Proptech Summit Day Two

April 11th, 2024 ZUGSPITZE MASTERCLASSES

**ZUGSPITZE
MASTERCLASSES**

09:00 Welcome

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**ZUGSPITZE
MASTERCLASSES**

PRESENTATION

10:15 Collaboration, lean and production thinking - the key to transforming the construction industry



Bülent Yildiz
refine

Host



Susan Zare
*Construction &
Proptech Summit
Moderation*

**ZUGSPITZE
MASTERCLASSES**

PRESENTATION

10:30 Occupational safety made easy: CERMAT for the construction industry

This presentation will show how the web-based CERMAT software helps you to efficiently manage and monitor all relevant employee health and safety data in order to optimize your safety processes and improve compliance. CERMAT is characterized by proven reliability, ease of use and effortless import of existing data.



Christine Zoglmeier
in2code

Host



Susan Zare
*Construction &
Proptech Summit
Moderation*

**ZUGSPITZE
MASTERCLASSES**

 PRESENTATION

11:00 Construction Management 2.0: Optimizing Workload with AI

Join Florian Biller, CEO of Capmo GmbH, as he reveals the future of construction management.

Explore the need for a single software solution in the intricate construction realm, followed by insights into AI's game-changing potential from various industry examples.

Learn about the impact of Capmo's AI in simplifying construction processes for unmatched efficiency.



Florian Biller
CAPMO

Host



Susan Zare
Construction &
Proptech Summit
Moderation

**ZUGSPITZE
MASTERCLASSES**

 PRESENTATION

11:30 Together with its partner for digitalization in the construction industry, a vocational school is setting out to integrate the BIM way of working, including application-related software solutions such as the Autodesk Construction Cloud, into training.

BIM is currently only rarely represented in training courses in the main construction trade and further training courses represented. The vocational school for construction technology BS08 in Hamburg has taken on this topic as a major project for the coming years and has chosen NTI Germany as its partner for the introduction of the holistic approach of the BIM method. Jan Schafflik and Ines Lämmel report from their about the opportunities and challenges of integrating BIM into the classroom.



Ines Lämmel
NTI Deutschland



Jan Schafflik
Berufsschule Hamburg

Host



Susan Zare
Construction &
Proptech Summit
Moderation

**ZUGSPITZE
MASTERCLASSES**

 PRESENTATION

12:00 Minimally invasive and tenant-friendly: modular building technology

A cross-sectoral approach across all process steps, the use of off-the-shelf solutions and innovative business models are essential in order to quickly, sustainably and profitably renovate the energy efficiency of a property portfolio and thus transform it for the future. In this masterclass, Bernd Beierkuhnlein, Head of Operations at SISTEMS, explains how unavoidable burdens on your "old values" offer new opportunities.



Bernd Beierkuhnlein
SISTEMS

Host



Susan Zare
*Construction &
Proptech Summit
Moderation*

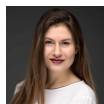
**ZUGSPITZE
MASTERCLASSES**

 PRESENTATION

12:15 GIS-BIM Evolution : digital twins in the context of planning, building and operating.

Esri has been helping clients worldwide solve some of the most complex issues and problems with a geographic approach since 1969. In architecture, design, construction and operations, GIS-BIM integration leads to a better understanding of the project area and the influence of the geographical context on the BIM model - and vice versa.

Using various practical examples, we will show at the Construction Summit how GIS leads to a holistic understanding of the project or existing building across all service phases and which actions can be derived from the digital twin.



Nora Vögele
Esri Deutschland

Host



Susan Zare
*Construction &
Proptech Summit
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 PRESENTATION

13:30 AI in construction cost management

The commercial management of the construction site and the associated ongoing monitoring of target and actual construction costs usually come more into focus in times of crisis. In practice, these activities relating to data collection and ongoing data maintenance are among the least favourite tasks of construction managers and other specialists. The machine learning-supported technology from reebuild enables detailed insights into your own construction costs while greatly reducing the effort involved in data collection.



Paul Lind
reebuild

Host



Susan Zare
*Construction &
Proptech Summit
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 PRESENTATION

13:45 Predictive quality monitoring in concrete: Enabler for costs and CO2 reduction

Sustainable concretes are the future of construction - but the production and use of these concretes poses a certain challenge for suppliers and construction companies. Sustainable concretes with a lower proportion of clinker or concretes with a high proportion of RC material are fundamentally more demanding. This presentation will focus on how such concretes can be successfully used with alcemy's close-meshed and AI-supported quality control.



Hoang Anh Nguyen
Alcemy

Host



Susan Zare
*Construction &
Proptech Summit
Moderation*

ZUGSPITZE MASTERCLASSES

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Susan Zare
*Construction &
Proptech Summit
Moderation*

**ZUGSPITZE
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15:00 Coffee break

Enjoy coffee and cake and make new contacts with the visitors and exhibitors of the Construction & Proptech Summit.

**ZUGSPITZE
MASTERCLASSES**

17:00 Networking & Drinks for all participants

**ZUGSPITZE
MASTERCLASSES**

19:00 End of Construction & Proptech Summit 2024



Proptech Summit Day Two

April 11th, 2024 MATTERHORN MASTERCLASSES

MATTERHORN MASTERCLASSES

09:00 Welcome

MATTERHORN MASTERCLASSES

🗂 PRESENTATION

10:00 **FIRE ZINCING is durable and natural - The advantages of the marriage of zinc and steel for the sustainable building of tomorrow!**

The marriage of steel and zinc at over 450 degrees extends the service life of steel construction products many times over. This is how the fight against the material marauder rust is declared. This protects values and creates surfaces for the future. Hot-dip galvanized steel is the material of choice for sustainable construction. Stress-free and proven in planning, natural and microplastic-free in production, flexible in use and durable over its entire life cycle. Hot-dip galvanized steel supports the energy and transport infrastructure in our country and is the ideal companion for the sustainable serial construction of tomorrow. If you would like to find out more about this promising marriage, come along to our Masterclass. We look forward to seeing you there.



**Sebastian
Engelskirchen**
*Institut
Feuerverzinken*

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

MATTERHORN MASTERCLASSES

🗂 PRESENTATION

10:15 **How theory comes into reality**

Images dominate our world and significantly influence our decisions. Data and models are visualized and thus become perceptible. This raises the question: How are they created and how are they interpreted? to draw conclusions from them?



**Hanns-Jochen
Weyland**
*Störmer Murphy and
Partners*

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

MATTERHORN MASTERCLASSES

 PRESENTATION

10:30 Modern online construction cost management with BIM from the cloud

As part of a live demo, NOVA Building IT will be presenting efficient BIM-supported quantity and cost calculation from the 3D model for costing as well as online tendering and invoicing of construction services.



Felix Grau
NOVA Building IT

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

MATTERHORN MASTERCLASSES

 PRESENTATION

10:45 Industry 4.0 and IoT in the construction industry

Digitalization has arrived in the construction industry. The concept of Industry 4.0 and the Internet of Things (IoT) are already being used profitably in many sectors. Using concrete examples, we show how these concepts and technologies can be successfully applied in construction to enable higher productivity and more sustainable construction.



Dr. Helmut Schnabl
Doka

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

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 PRESENTATION

11:00 Taking digitization further: not just measuring, but doing

How a digital building twin saves an average of 25% heating energy.



Philip Diekert
PAUL Tech

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

MATTERHORN MASTERCLASSES

 PRESENTATION

11:30 AI in Construction - Learning from Fiber Option Expansion

At a time of increasing challenges, the construction industry is facing pressure to develop innovative solutions to become more efficient and future-proof. In this presentation, we will discuss the importance of data science and artificial intelligence (AI) as key technologies for transforming the construction industry. The term AI is used everywhere, but rarely are the key concepts discussed, which will be the introduction in our talk. We will show how to identify and implement specific use cases for AI in a company and present some successful examples. By combining the data science expertise of Dr. Mattis Hartwig with the industry knowledge of Oliver Prostack, we provide a holistic perspective and offer deep insights into the lessons learned from various projects.



Mattis Hartwig
singularIT



Oliver Prostack
Prostack Holding

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

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 PRESENTATION

12:00 From pAI to gAI: using data anomalies and optimizing maintenance measures

In her masterclass, Dr. Maren Wernicke will take you into the future of AI-supported prescriptive rotor maintenance and show you an approach to solving future resource shortages.



Maren Wernicke
Motorenfabrik Hatz

Host



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 PRESENTATION

12:15 Digitization strategies in the construction industry

Insights from planen-bauen 4.0 GmbH and BIMSWARM on overcoming challenges and exploiting opportunities.



Olga Rimskaja-Korsakova
planen-bauen 4.0

Host



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 PRESENTATION

13:30 Decarbonization in existing buildings - reaching the goal with digitalization and 100 years of experience

The partnership between CAALA and FRANK shows how an integral process of decarbonization can succeed through active asset management, digital tools and technical expertise.



Thomas Hermes
FRANK Eco



Clemens Seidel
FRANK Asset Management



Philipp Hollberg
CAALA

Host



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 PRESENTATION

14:00 PARADE EXAMPLE for multi-storey timber construction

Can wood fiber insulation materials make a meaningful and sustainable contribution to the climate-oriented building transition?



Patrick Porth
GUTEX

Host



Nona Brodersen
*Construction &
Proptech Summit
Moderation*

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*Construction &
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15:00 Coffee break

MATTERHORN MASTERCLASSES

17:00 Networking & Drinks for all participants



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10:00 **Welcome**

Opening of the event with a warm welcome by the moderator.



Inken März

*Construction Summit
Moderation*

CONSTRUCTION
SUMMIT MAIN
STAGE

 PRESENTATION

10:15 **FUTURE BUILDING - Cooperative. Efficient. Digital**

The construction industry is facing a turning point: How can we succeed in combining the innovative and disruptive business, process and product approaches of young companies with the in-depth expertise of construction companies? How can we use digital processes to build sustainably and economically successfully in the future? Our aim is to offer new business models good economic framework conditions. We want to give a voice to the new market players who are revolutionizing the construction market with new production and product approaches - we want to bring both worlds together.



Tim-Oliver Müller

*Hauptverband der
Deutschen
Bauindustrie*

Host



Inken März

*Construction Summit
Moderation*

**CONSTRUCTION
SUMMIT MAIN
STAGE**

 PRESENTATION

10:45 Construction Summit Startup Awards - Part 3

You will see innovative startups presenting their clever new solutions in the construction business. The best three will receive a Construction Summit Startup Award – you decide!



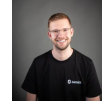
Sven Saborosch
easycircular



Rea Sodero
Planlabs



Jasmin Sterling
akii



Christian Marx
zamics



Dr. Dennis Geesen
vrame Digital



Mattis Koh
Mesh



Michel Seeger
Vemaventuri



**Dipl. Ing. Axel
Preuß**
*CarStorCon
Technologies*

Host



Inken März
*Construction Summit
Moderation*

**CONSTRUCTION
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STAGE**

 PANEL
DISCUSSION

11:30 Builders in focus: A discussion on sustainability and digital transformation in construction

What are construction clients' views on digitization and sustainability and what do they expect from their partners in the construction industry today and in the future?



Tobias Friedrich



Carsten Joost
blu by AUG.PRIEN



**Inga Stein-
Barthelmes**
*PD - Berater der
öffentlichen Hand*



**Adrian Frey-
Schöffler**
TransnetBW

Host



Carl von Stechow
GPTI

**CONSTRUCTION
SUMMIT MAIN
STAGE**

12:30 Lunch break

Enjoy the food while making new contacts with visitors and exhibitors at the Construction & Proptech Summit.

**CONSTRUCTION
SUMMIT MAIN
STAGE**

 PANEL
DISCUSSION

13:30 Digitalisation in construction companies

How are leading companies in the industry dealing with the opportunities and challenges of digitization?



Dr. Konrad Kudla
Firmengruppe Max Bögl



Torsten Henssler
Züblin



Daniel Forsmann
DB InfraGO



René Kaldenhoven
Goldbeck

Host



Sarah Hintzen
*PD - Berater der
öffentlichen Hand*

**CONSTRUCTION
SUMMIT MAIN
STAGE**

 PRESENTATION

**14:15 Construction Summit Startup Awards, Part 4 +
Award ceremony**

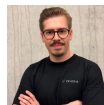
You will see innovative startups presenting their clever new solutions in the construction business. The best three will receive a Construction Summit Startup Award – you decide!



Jonas Mühlbauer
focused ai



Lisa Oberaigner
Emidat



Gilles Dostert
Zenesis



Alexander Höss
Digando



**Dr. Julian
Graefenstein**
*Building Information
Cloud*

Host



Inken März
*Construction Summit
Moderation*

**CONSTRUCTION
SUMMIT MAIN
STAGE**

15:00 Coffee break

Enjoy coffee and cake and make new contacts with the visitors and exhibitors of the Construction & Proptech Summit.

15:30 Digitization in construction planning

How can digitization improve construction planning and what are the options for ensuring a seamless link between digital planning and physical implementation?



Thomas Tschickardt
Wayss & Freytag
Ingenieurbau



Laura Schneegeß
HOCHTIEF
Infrastructure



Markus Pirngruber
Schimetta Consult ZT



Mariel Gutierrez
marielgutierrez



Stephan Müller
Dorsch Gruppe

Host



Gunther Wölfle
buildingSMART
Deutschland

16:15 Our strategy for a sustainable future: ecobuilding

Our strategy for a sustainable future: ecobuildings embody a revolutionary concept that aims to create neighborhoods that meet today's ecological, economic and digital requirements. Ecobuildings stand for efficiency, sustainability and innovation. Through digital architectural planning using BIM, prefabrication and a sustainable energy concept that our experts plan individually for each neighborhood, we are striving for a new era of planning and building. This not only protects the environment, but also saves costs and improves the quality of life for users: inside. In addition, we are creating virtually climate-neutral neighborhoods. You can find out more about the advantages of our ecobuilding concept in this presentation.



Christoph Gröner
Gröner Group

Host



Inken März
Construction Summit
Moderation

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*Construction Summit
Moderation*

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17:00 Networking & Drinks for all participants

**CONSTRUCTION
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19:00 End of Construction & PropTech Summit 2024