



# 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*

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STAGE**

**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*

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**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*

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**STAGE**

**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*

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**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**

**12:30 Lunch break**

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

**PROPTech**  
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**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*

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**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**  
*Haufe Group*

*Host*



**Markus Gerharz**  
*Rotonda Business Club*

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**15:00 Coffee break**

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

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**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*

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**16:15 Speaker Awards Prizegiving**

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*Host*



**Steffi Landerer**  
*Proptech Summit*  
*Moderation*

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**17:00 Networking & Drinks for all participants**

**PROPTECH**  
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**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](#)

## 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](#)

## 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*

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MASTERCLASSES**

**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  
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**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 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

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**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*



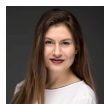
**Susan Zare**  
*Construction &  
Proptech Summit  
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**12:15 GIS-BIM Evolution : digital twins in the context of planning, building and operating.**

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 &  
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**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 &  
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**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 &  
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**Susan Zare**  
*Construction &  
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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.

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**17:00 Networking & Drinks for all participants**

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# Proptech Summit Day Two

April 11th, 2024 MATTERHORN MASTERCLASSES

## MATTERHORN MASTERCLASSES

**09:00 Welcome**

## MATTERHORN MASTERCLASSES

**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

**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**

**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**

**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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**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 &  
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**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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**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*



**Nona Brodersen**  
*Construction &  
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**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*



**Nona Brodersen**  
*Construction &  
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**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*



**Nona Brodersen**  
*Construction &  
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**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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**14:15 Speaker Awards Prizegiving**

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**Nona Brodersen**  
*Construction &  
Proptech Summit  
Moderation*

**MATTERHORN  
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**15:00 Coffee break**

**MATTERHORN  
MASTERCLASSES**

**17:00 Networking & Drinks for all participants**

**MATTERHORN 19:00 End of Construction & Proptech Summit 2024**  
**MASTERCLASSES**



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**Inken März**  
*Construction Summit  
Moderation*

**CONSTRUCTION  
SUMMIT MAIN  
STAGE**

**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**

**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  
SUMMIT MAIN  
STAGE**

**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  
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**12:30 Lunch break**

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**CONSTRUCTION  
SUMMIT MAIN  
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**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**

**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  
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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.

**CONSTRUCTION**  
**SUMMIT MAIN**  
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**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*



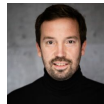
**Laura Schneegaß**  
*HOCHTIEF*  
*Infrastructure*



**Markus Pirngruber**  
*Schimetta Consult ZT*



**Mariel Gutierrez**  
*marielgutierrez*



**Stephan Müller**  
*Dorsch Gruppe*

*Host*



**Gunther Wölfle**  
*buildingSMART*  
*Deutschland*

**CONSTRUCTION**  
**SUMMIT MAIN**  
**STAGE**

**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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