

BIM

DIGITAL ENGINEERING

BIM ist just the beginning

21 October 2021
#Ready2BIMTogether



FCP.VCE BIM EVENT

How Online
When Thursday, 21 October 2021
 01:00 – 04:45 p.m.
Registration www.fcp.at/en/BIM2gether

BIM is only the beginning of the digital transformation and is only one of the new tools in our repertoire.

Together, we want to highlight those topics that will permanently change and digitalize our methods of working.

01:00

Welcome & Introduction

Wolf-Dietrich Denk

01:05

Keynote 1. Visions for the Digitalization of Infrastructure

Gerald Zwitnig | ÖBB
 Rudolf Felsner | FCP

01:35

Keynote 2. Digitalization of the Construction Processes

Ralf Sommer | Rhomberg

02:00

Three Parallel Sessions

Session 1. Automation + Robotics

Session 2. BIM + SIM

Session 3. Digital Project Management

03:00

Keynote 3. Innovation in the Building Life Cycle: If an ant hill, the Great Wall of China and Arnold Schwarzenegger could discuss

Lucas Winter | Umdasch Group Ventures

03:30

FCP.VCE Digital Engineering. Flagship Projects

Digital Engineering in the HS2 Project

Peter O'Brien, Hanno Töll | VCE

Wakrah & Wukair Drainage Tunnel Doha, Qatar

Stephan Kalix, Eva Blazeovic | VCE

Paperless invoicing via Digital Twin

Sarah Strehl, Thomas Rabl | FCP

04:00

Virtual Networking Tables



Session 1. Automation + Robotics

Design Automation. From Pixel to Pset

Peter O'Brien | VCE

Baubot – Construction Robotics from Austria

Victor Rodionov | Printstones

Efficient Parametric BIM Workflow Using Visual Programming

Jungwoo Park | Umdasch Group Ventures

The Digital Construction Site – from the BIM Model to the Semi-Autonomous Ceiling Drilling Robot

Sandro Steurer | Hilti



Session 2. BIM + SIM

1001 Pitfalls in Simulation with BIM

Michael Fuchs | IB-Lang

BIM2Clim – Microclimate Simulations Directly from BIM Data

Markus Luisser | Rheologic

Use of GIS for Immission Forecasts in Infrastructure Projects

Robert Koch | FCP

BIM goes Green

Markus Precht, Christian Sustr | FCP



Session 3. Digital Project Management

Digital Project Management – „Data must flow“

Frank Mettendorff | FCP

Challenges of Digital Project Management in Infrastructure

René Holzer | FCP

Platform for Digital Project Management

Christoph Degendorfer | bimspot

By registering for the event, each participant agrees to the use of visual and audio material recorded in the course of the event by means of photographs, films or similar media for public relations purposes, e.g. press reports, advertising of future events, etc.