

26th SOFiSTiK Seminar

Schedule | Zeitplan

Friday, March 16, 2018

10:00 - 10:05 **Welcome | Begrüßung**
Dipl.-Ing. Frank Deinzer (Managing Director, SOFiSTiK AG)

Keynote - Session

10:05 - 12:10 **Design & Build with BIM**
 Dipl.-Ing. Thomas Fink (Building owner | SOFiSTiK AG)
 Dipl.-Ing. (FH) Architekt Gerhard P. Wirth (Design architect and consultant of the building owner | GP Wirth Architekten)
 Dipl.-Ing. Architektin Marina Stiber (BIM coordinator | WOLFF & MÜLLER Holding GmbH & Co. KG)
 Eberhard Beck (Building planning | WABE-PLAN ARCHITEKTUR)
 Dipl.-Ing. (FH) Thomas Herbert (Fire protection planning | Oehmke + Herbert Planungsgesellschaft im Bauwesen mbH)
 Dipl.-Ing. Hinrich Münzner MBA (Structural analysis | Boll und Partner. Beratende Ingenieure VBI, Ingenieurgesellschaft mbH & Co KG)
 Patrick Stumpf M.Sc.

12:10 - 12:40 **Actualized effective integration between Building Calculation Modelling (BCM) & Building Information Modelling (BIM)**
 Dipl.-Ing. Andrey Yashanov (LLC "APEX project bureau")
 Dipl.-Ing. Alaaeldin Mansour MSc

12:40 - 14:00 **Lunch | Mittagessen**

Session 2

14:00 - 14:30 **Automated design work of pre-cast concrete girder viaducts**
 Kees van IJselmuiden BSc PMSE (Royal HaskoningDHV)

14:30 - 15:15 **Replacement of Rhine Bridge Leverkusen – design for new construction and deconstruction**
Ersatzneubau der Rheinbrücke Leverkusen – Entwurfsplanung für Neubau und Rückbau
 Dr. sc. techn. Hans Grassl (Ingenieurbüro GRASSL GmbH)
 Dominic Reyer M.Sc.
 Tamás Simon M.Sc.

15:15 - 15:45 **How new design methods lead to a different description of the results is shown by using the example of two cable-stayed bridges in Finland and Vietnam**
 Atte Mikkonen DI, Sillat, MSc, Bridges (WSP, Finland)

15:45 - 16:20 **Coffee Break | Kaffeepause**

Session 3

16:20 - 16:50 **Parametric design of shell structures**
 Dipl.-Ing. (TH) Thomas Kamrad M.Sc.Eng. (Centerlöf & Holmberg)
 Dipl.-Ing. (TH) Stefan Fässler M.Sc.Eng.

16:50 - 17:20 **Holistic FE calculation of a longitudinally and transversely displaceable formwork carriage**
Ganzheitliche FE Berechnung eines längs und quer verschieblichen Sohle-Wand-Schalwagens
 Dipl.-Ing. Sören Quappen (WTM Engineers GmbH)

17:20 - 17:50 **BrlM has arrived! ... and it's better than we thought!**
 Ivan Liu P.E. (FINLEY Engineering Group)

19:30 - 21:30 **Dinner | Abendessen**

from 21:00 **Get-together at the bar**

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Saturday, March 17, 2018

Session 4

09:30 - 10:30

**Structural analysis integrated in Revit® – is that possible?
Tragwerksplanung in Revit® integriert – geht das?**

 Dipl.-Ing. (FH) Stephanie Hörndler (Autodesk GmbH)
 Dipl.-Ing. Armin Dariz (BiMOTION GmbH)
 Dr.-Ing. Andreas Niggel (SOFISTIK AG)

10:30 - 11:00

One Nine Elms

Dipl.-Ing. Christian Tygoer (AKT II)

11:00 - 11:20

Coffee Break | Kaffeepause
Session 5

11:20 - 11:50

**An unusual building construction project
Ein nicht alltägliches Hochbauprojekt**

Dipl.-Ing. Carsten Liebschner-Rödl (LGA Landesgewerbeamt Bayern)

11:50 - 12:20

Aqualagon-Village Nature Paris, JFA Architect (Paris). Complex wood structural design

Prof. Engineer Jean-Marc Weill (C&E Ingénierie)

12:20 - 12:50

Wind loads on the Junkers hangars in Oberschleißheim. What conclusions can be drawn from CFD calculations?
Windlasten auf die Junkers-Hallen in Oberschleißheim. Welche Aussagen kann man aus CFD Berechnungen ziehen?

Prof. Dr.-Ing. Casimir Katz (CTO, SOFiSTiK AG)

12:50 - 12:55

Closing Remarks | Schlusswort

Prof. Dr.-Ing. Casimir Katz (CTO, SOFiSTiK AG)

12:55 - 14:30

Lunch | Mittagessen
End of the event | Ende der Veranstaltung