



3D MODELLING SYMPOSIUM BERLIN

Sophisticated Tools In Architecture, Design And Engineering

Programme (Update: 1 April 08)

Monday, 7 April 08 - Day 1

Times	Subject	Name	Chair, Title, Company, Function	Lecture Title
09:00 - 09:30	Check-In	Rumpfenhorst/Wirth	Daglicious Coordination, Berlin	Registration
09:30 - 10:00	Intro	Prof. Dr.-Ing. Gengnagel - Ioannis Zonitsas	Chair in Structural Design, UdK - Visual-Dream, Berlin	Welcome
10:00 - 10:45	Key Note - Special Guest	Prof. Mark Burry	SIAL, RMIT University Melbourne, Australia	"The Architect, The Engineer and the 3D Model"
11:00 - 11:45	Key Lecture	Prof. Dr.-Ing. Kai-Uwe Bletzinger	Chair in Structural Engineering, TU München	"Mechanics and Geometry"
12:00 - 12:45	Key Lecture	Johann Habakuk Israel	Fraunhofer IPK Berlin	"3-Dimensional Sketching In Virtual Environments"
13:00 - 14:00	Lunchbreak			
14:00 - 18:00	Master Classes I	Jim Carruthers	Industrial Designer, Ottawa, Canada	"Surface Modeling In The Design Process"
14:00 - 18:00	Master Classes III	Jess Maertterer	Industrial Designer, 3DE, Borken	"The Mathematics Of Aesthetics"
14:00 - 18:00	Workshop Rhino	Ioannis Zonitsas	Rhino Trainer, Managing Director, Visual Dream Berlin	"Organic Modelling In Rhino V4"
14:00 - 14:30	Case Study	Dipl. Architekt ETH Urs Füssler	Visiting Lecturer, UdK Berlin	"Design Tool Design"
14:30 - 15:00	Case Study	Dipl.-Ing Judith Gieseler, MScAAD	Assistant Professor, TU Berlin	"Generative Design Tools In Architectural Education"
15:00 - 15:30	Case Study	Dipl.-Ing. Oliver Tessmann	f-u-r / Universität Kassel	"Blurring Structures"
15:30 - 16:00	Case Study	Benjamin S. Koren	UAK Wien, Herzog & de Meuron Hamburg	"Harmonic Proportion In Amorphic Form"
16:00 - 17:30	Case Study	Dipl.-Ing. Dirk Schaper	Managing Director, HOCHTIEF ViCon, Essen	"Virtual Design And Construction - Practical Benefits And Added Value"

Tuesday, 8 April 08 - Day 2

09:00 - 09:45	Key Lecture	Dr.-Ing. Roman Kemmler	Schlaich Bergermann und Partner, Stuttgart	"Formfinding: The Interaction Between Force and Geometry"
10:00 - 10:45	Key Lecture	Bo Gehring	Principal, Third Rail Ops, New York	"Integrating Disciplines In Large Fine Arts Projects"
11:00 - 11:45	Key Lecture	Dipl.-Ing Arne Hofmann	Bollinger + Grohmann, Vienna	"Design And Implementation Of Complex Structures"
12:00 - 12:45	Key Lecture	Dipl.Inform. (Univ.)Fabian Scheurer, Dipl.-Ing. Architekt Arnold Walz	designtoproductio, Stuttgart - Zurich	"Bits To Pieces - Digital Fabrication In Architecture"
13:00 - 14:00	Lunchbreak			
14:00 - 18:00	Master Classes I, II, III	Carruthers, Biosca, Maertterer	Industrial Designer, Ottawa, Canada	"Surface Modeling In The Design Process"
14:00 - 18:00	Workshop Rhino	Ioannis Zonitsas	Rhino Trainer, Managing Director, Visual Dream Berlin	"Organic Modelling In Rhino V4"
14:00 - 15:00	Case Study	Univ.-Lekt. Mag. Arch. Sigrid Brell-Cokcan	Institute of Architectural Sciences, TU Wien	"Modeling And Computing Multilayer Freeform Structures"
15:00 - 15:30	Case Study	Dipl.-Ing. Thorsten Strathaus	Bollinger + Grohmann, Frankfurt am Main	"Glazing Of A Translationsurface"
15:30 - 16:00	Case Study	Matthias Eckardt	jet3.de Berlin, Student UdK Berlin	"Let's Get Physical"
16:00 - 17:00	Case Study	Dipl.-Ing. Dr. techn. Robert Wehdorn-Roithmayr	Wehdorn Architekten Ziviltechniker GmbH, Vienna	"Formfinder: Architectural Design Tool"
17:00 - 17:45	Case Study	Peter Taylor (BA Hons)	Business Manager, Spheron London	"Spheron HDR-Cam working within 3D-environments"
19:00 - 20:30	Get-Together	Alte Bibliothek (Old Library)		

Programme subject to change.



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Programme (Update: 1 April 08)

Wednesday, 9 April 08 - Day 3

<i>Times</i>	<i>Subject</i>	<i>Name</i>	<i>Chair, Title, Company, Function</i>	<i>Lecture Title</i>
09:00 - 09:45	Key Lecture	Prof. Dipl.-Ing. Tobias Wallisser	LAVA, Stuttgart	"Geometries Beyond The Blob"
10:00 - 10:45	Key Lecture	Prof. a.V. Holger Jahns, Prof. a.V. Frank Spentling	UdK Berlin	"Analogue and Digital Design Strategies In Industrial Design"
11:00 - 11:45	Key Lecture	PHD Fellow, Dipl.-Ing. Norbert Palz	Royal Danish Academy of Fine Arts, Copenhagen	"Parametric Point Clouds"
12:00 - 12:45	Key Lecture	Matthias Michel	Freelance Engineer, Frankfurt am Main	"Free Form Tubular Structures - Geometry Handling And Manufacturing Process"
13:00 - 14:00	Lunchbreak			
14:00 - 18:00	Master Class I	Jim Carruthers	Industrial Designer, Ottawa, Canada	"Surface Modeling In The Design Process"
14:00 - 18:00	Master Class III	Jess Maertterer	Industrial Designer, 3DE, Borken	"The Mathematics Of Aesthetics"
14:00 - 18:00	Workshop Rhino	Ioannis Zonitsas	Rhino Trainer, Managing Director, Visual Dream Berlin	"Organic Modelling in Rhino V4"
14:00 - 14:30	Case Study	Hans-Georg Bauer	plus4930 architects, Berlin	"Fashion Pavilion"
14:30 - 15:00	Case Study	Benjamin Storch	Sculptor & Silversmith, Wales	"Anticlastic Form - From Mathematical Modelling To Complex Metal-Forming"
15:00 - 15:30	Case Study	Jens Heutling	UdK Berlin	"From Spline To A Structure"
15:30 - 17:00	Case Study	Alan Demsey	Architectural Association	"[C]Space Pavillion"
18:00 - 18:30	Closing	Prof. Dr.-Ing. Christoph Gengnagel/Zonitsas		Closing Ceremony

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