

# FOOT BRIDGE 2017 Berlin

6–8.9.2017 TU-BERLIN

## Lecture opening session



### ROBERT SCHWENTKE

Robert Schwentke was born in Stuttgart, Germany, in 1968. He graduated from Los Angeles film school, Columbia College Hollywood (CCH), in 1992. He directed two feature films in Germany, the thriller *Tattoo* and the comedy *Eierdiebe*, the latter a semi-autobiographical film about a man being treated for testicular cancer. Schwentke is also known for his films *Flightplan*, *The Time Traveler's Wife*, *Red*, *R.I.P.D.*, *The Divergent Series: Insurgent* and *The Divergent Series: Allegiant*. His new film *Der Hauptmann*

signs the big return of Robert Schwentke in Europe, his native land, after building a successful career in Hollywood.

## Keynote lectures



### PHILIPPE BLOCK

Philippe Block is Associate Professor at the Institute of Technology in Architecture, ETH Zurich, where he co-directs the Block Research Group (BRG) with Dr. Tom Van Mele. Block is director designate of the Swiss National Centre of Competence in Research (NCCR) in Digital Fabrication and founding partner of Ochsendorf DeJong & Block (ODB Engineering). He studied architecture and structural engineering at the VUB, Belgium, and at MIT, USA, where he earned his PhD in 2009. The BRG's research focuses on equilibrium

analysis, computational form finding, optimisation and construction of curved surface structures. Within the NCCR, the BRG develops structurally informed bespoke prefabrication strategies and novel construction paradigms for digital and robotic fabrication.



### JAMES BROWNJOHN

Professor Brownjohn joined the University of Exeter after an academic career in Bristol, Singapore Plymouth and Sheffield focusing on experimental assessment of the performance of a range of civil structures, very often footbridges, and inevitably involving full-scale dynamic testing. His relevant research and professional interests include vibration serviceability, system identification and biomechanics. His experience with ambient vibration testing and operational modal analysis using minimal

equipment is a complement to traditional forced vibration testing using shakers. He is a founding director of Full Scale Dynamics Ltd, an University spin-off company, and Principal Investigator for the Exeter EPSRC VSIMulators facility for studying human factors in motion of the built environment.



## KEITH BROWNLIE

Keith Brownlie has been involved in designing interesting and sometimes innovative bridge projects for 25 years. He is an Architect and director of Anglo-Danish practice Brownlie Ernst and Marks (BEaM) and was formerly a director of Wilkinson Eyre in London, responsible for many well-known international footbridges and other infrastructure works. BEaM is a specialist bridge architectural consultancy with projects all over the world and is busy navigating the widely varying design and business

cultures it experiences in different locations. He is an European, and a former resident of Berlin.



## DIETMAR FEICHTINGER

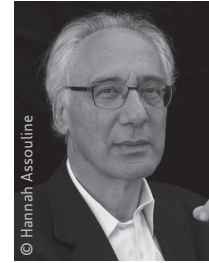
Dietmar Feichtinger established Dietmar Feichtinger Architects (DFA) in Paris in 1993. With about thirty employees between Paris and Vienna the team operates mainly in Europe. DFA has built a strong reputation for its inventive structures and its investigative approach to design. Its work links both architecture and engineering whilst exploring the dynamics between these two disciplines. In a constant strive DFA is looking for integrating environmental and sustainable development, in an elegant and sensitive archi-

ture, respectful of nature and humans. Dietmar Feichtinger Architects is internationally-honoured with architecture awards and publications for excellence in design and their built projects.



## JAN KNIPPERS

Jan Knippers is a structural engineer and partner as well as co-founder of Knippers Helbig Advanced Engineering with offices in Stuttgart, New York City and Berlin. The focus of his work is on structural design for international and architecturally demanding projects. Since 2000 Jan Knippers is head of the Institute for Building Structures and Structural Design (itke) at the University of Stuttgart. As such he is speaker of the Collaborative Research Centre 'Biological Design and Integrative Structures' funded by the German Research Foundation (DFG).



## MARC MIMRAM

Born in Paris in 1955, Marc Mimram has a Master's Degree in Mathematics from the Université Paris VII (1976), an Engineering Diploma from the École Nationale des Ponts et Chaussées (1978), a Master's Degree in Civil Engineering from the University of California at Berkeley (1979), an Architecture Diploma (DPLG) from the École Nationale Supérieure des Beaux Arts in Paris (1980), and a Post-Graduate Degree in Philosophy from the Université Paris I Panthéon-Sorbonne (1982). He founded his own consultancy and

architecture-engineering firm in 1992. Since 1981, he began as architect-engineer, he has completed many civil engineering structures and architectural projects in France and abroad: Bridges in France, in Germany, in Morocco (Rabat-Salé) which won the Aga Khan Prize, in China, buildings as large sports facilities and infrastructure buildings.



## JIRI STRASKY

Professor at the Brno University of Technology and Partner at the design firm Strasky, Husty and Partners, Brno, Czech Republic & Greenbrae, California USA. Registered Civil Engineer in the Czech and Slovak Republic and seven states in the USA. Expertise in the design of cantilever, arch, cable-stayed, suspension and stress ribbon bridges built in Europe and in North and South America and Asia. Participated in the design of award winning projects.

Author of many papers and several books. The most important is

the book: Stress ribbon and cable supported pedestrian bridges, Telford Publishing, London 2005 and 2011. For his work he received many awards, the most important are Freyssinet Medal from the fib, and Prix Albert Caquot from French Association for Civil Engineering.

Lecture closing session



## WOLFGANG VOLZ

Wolfgang Volz, born in 1948 in Tuttlingen, Germany, studied photography with Prof. Otto Steinert and Prof. Erich vom Endt at the University Folkwangschule, Essen, Germany. In 1971 he met the artists Christo and Jeanne-Claude, marking the beginning of a beautiful friendship and collaboration. Since then he has worked as exclusive photographer, co-director, technical director and project manager for the projects of Christo and Jeanne Claude, for example the Wrapped Reichstag (Berlin), the Wrapped Trees (Basel),

The Wall (Oberhausen), The Gates (New York City), the Big Air Package (Oberhausen), The Floating Piers (Lake Iseo, Italy). Besides his activities as the "eye of Christo and Jeanne-Claude", Wolfgang Volz is one of the world's best-known science, industry and landscape photographers.