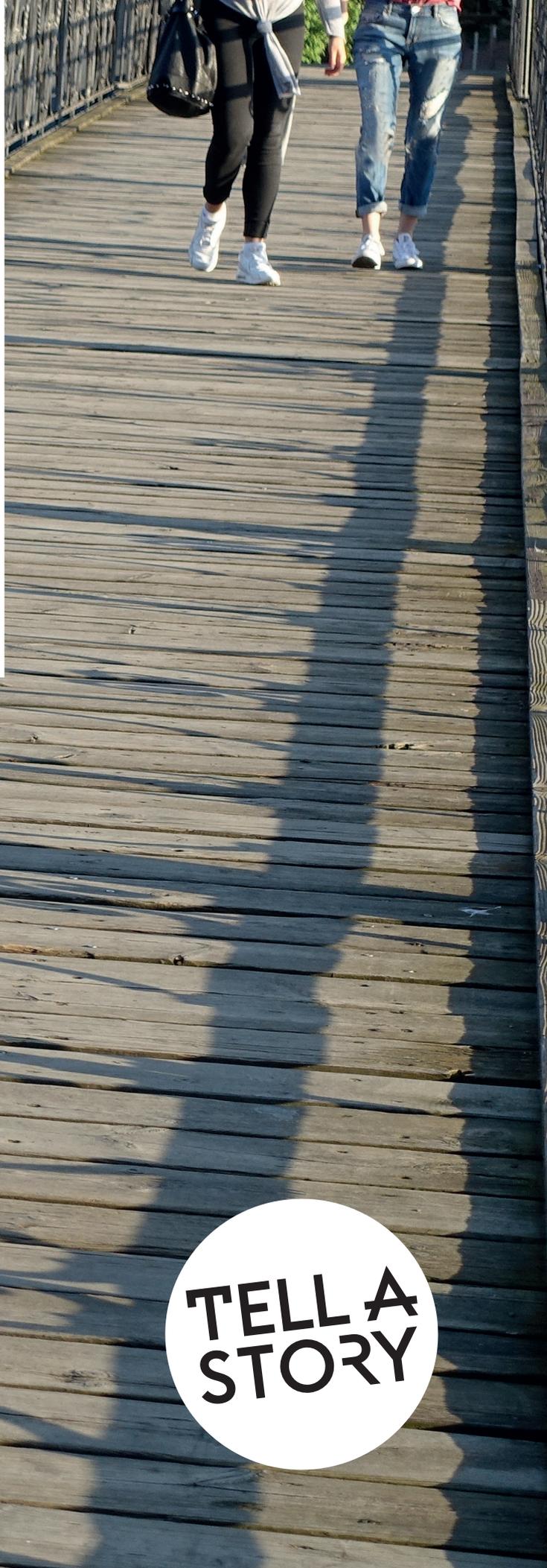


FOOT BRIDGE 2017 Berlin



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Introduction

We welcome you to the 6th International Footbridge Conference here in Berlin from 6th to 8th September 2017. As with the preceding events held in Paris, Venice, Porto, Wroclaw and London, bridge designers and builders from all over the world have come together to share their views, to exchange ideas, to learn and - last but not the least - to catch up with colleagues and friends.

Footbridges are an important component of our built environment, they can add a lot to the culture of building and they are exciting to work on. Their design brings together experts from numerous disciplines, such as civil engineers and architects, artists, landscape designers and lighting experts.

This sixth conference follows in the footsteps of earlier conferences in that the theme of structural dynamics – Dynamics and Innovation –, which triggered the first conference in Paris, will be kept on the agenda. What is new in this conference is that there are two themes that the Scientific Committee have identified as stimulating and important not only to the footbridge community, but to the designers working in many other fields of construction: Cultivate Debate and Footbridges for Berlin.

Mike Schlaich (Chairman of the Scientific Committee), Laurent Ney and José Romo (Co-Chairmen).

Themes of the conference

Cultivate Debate

Tell your colleagues stories about a design of yours or the concepts, ideas, challenges behind a new material, an algorithm or a construction sequence you have used. Explain from whom or what you have learned or enter into a discourse about your own work or that of others. Structural and civil engineers in particular are not experienced in discussing their work, in participating in critique without offending, in consciously entering debate on their design ideas, in defending them or arguing the case of others. Inspire your colleagues by telling your story.

Dynamics and Innovation

In the late 1990s some well-known pedestrian bridges suffered from excessive excitations and no immediate solutions were available. Research on pedestrian-induced vibrations rapidly became a hot topic in the engineering community and a main theme for footbridge 2002 in Paris. Even now it is a subject of great importance and we are looking forward to interesting research papers on dynamics issues such as identification of vibrations and dealing with them. Furthermore, many contributions on innovations in the field of footbridges were submitted to the conference.

Footbridges for Berlin

Venice, Paris, or London — the images of these cities are defined considerably by their many pedestrian bridges. Berlin also offers a wide and still unexploited potential for this exciting building task. These bridges contribute significantly to the quality of life of city residents and furthermore their planning and construction require the close cooperation of construction engineers, architects, landscape and lighting planners. Footbridges, therefore, represent an important and interdisciplinary contribution to building culture. As part of the international conference “Footbridge 2017”, experts from around the world developed bridge ideas for six typical locations in the German capital, under the title “Tell a Story”. The separate book “the World’s Footbridges for Berlin” published by Jovis provides an illuminating insight into the current state of footbridge design.

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