



Cosponsored by:



Michael Stein, PE

sbp

schlaich
bergemann partner

Registration Fees:

IABSE Members: **Free**
(includes PDH certificate)

Non-IABSE members:

Free – no PDH Certificate
\$20 – PDH Certificate
Registration Fees apply to Non-IABSE members **ONLY WHEN** requesting PDH certificates, for both in-person and online attendance.

TECHNICAL LECTURE

Build More with Less

Michael Stein P.E.,
schlaich bergemann partner

Thursday, May 11, 2023 at 6:00 ET/ 3 pm PT

This presentation will award 1 PDH Credit

HYBRID EVENT

**Location: H&H, 1501 Broadway, 6th Fl. Entrance on 43rd St
New York, NY**

Refreshments and Networking start at 5 pm

Link to Zoom Meeting will be sent upon registration

As designers, we need to find radical solutions to reduce the amount of resources that are used in the built environment. One possible first step towards that goal is to better understand how the projects of Frei Otto and numerous collaborators achieved elegant, lightweight design solutions that were ahead of their time in terms of innovation, but also sustainability.

The goal of this presentation is to inspire engineers to design elegant and efficient solutions that minimize materials and have a lighter footprint in the built environment.

Attendees will benefit from a better understanding of how they can:

- Recognize when a lightweight solution might present an opportunity to add value to a new project;
- Aid in the adaptation or reuse of an existing structure by minimizing any additional weight

The presentation will expand on the principles of lightweight design, look at historic and modern precedents, discuss materials and technologies, and address how architects and engineers can work together to conserve resources.

Michael Stein joined schlaich bergemann partner in 1996 and since 2005 he has led the firm's North American operations in New York and more recently Los Angeles offices. He studied civil engineering at the University of Stuttgart and industrial engineering at AKAD University of Applied Science. In 2010 he was awarded the Bedford Visiting Professorship at Rensselaer Polytechnic Institute, overseeing interdisciplinary courses for architecture and engineering students. He and his team have been recognized with numerous awards for their innovative project work, including the Toronto Port Lands Bridges, the lightweight glass skylights at New York City's Moynihan Train Hall, and the optimized glass facade at 20 Hudson Yards in Manhattan.

To register click here: <https://www.eventbrite.com/e/iabse-usa-technical-presentation-build-more-with-less-michael-stein-pe-tickets-617845842547>



IABSE-USA has met the standards and requirements of the Registered Continuing Education Program. Credit earned on completion of this program will be reported in RCEP.net. Certificates of Completion will be issued to all participants via the RCEP.net online system. Complaints regarding registered providers may be sent to RCEP at www.RCEP.net.