

OSKAR VON MILLER FORUM

Press Release

Under Large Roofs – New Strategies and Materials

Lecture by Knut Göppert, schlaich bergemann partner, Stuttgart on November 17, 2016 at 6:30 p.m. at the Oskar von Miller Forum

schlaich bergemann partner have devoted themselves to lightweight construction – efficient use of materials, traceability of the flow of forces, simplicity in the sense of reduction to the essentials along the lines of “less is more” – and the honesty to show structural elements the way they are.

However, civil engineers keep facing new challenges both due to the standards they set for themselves and the demands made on stadiums of the future. Sports venues are used for multiple purposes even more than in the past. Particularly the roof structures of large stadiums play a crucial visual and medial role. The principles of lightweight construction combined with modern technology and innovative materials will gain increasing importance and redefine the appearance of sports stadiums compared to traditional and customary forms.

The lecture will take place in the context of the **exhibition The Fifth View – Of Arches, Shells, Domes, Roofs and Their Engineers** at the Oskar von Miller Forum. The exhibition is open from October 28 to November 27, 2016, Tuesdays to Sundays, from 12 noon to 6 p.m., admission is free.

About Knut Göppert

The roofs he has designed for numerous stadiums, among others in Frankfurt, Johannesburg, Cape Town, Warsaw, Brasilia and Rio, have earned civil engineer Knut Göppert status as a leading engineer in structural design.

After earning his university degree (Diplom-Ingenieur), he joined the Stuttgart-based firm schlaich bergemann partner – Beratende Ingenieure im Bauwesen in 1989, and has been a partner since 1998. In 2002, he became one of the four directors of the firm, which operates branch offices in Berlin, New York, São Paulo, Shanghai and Paris.

Knut Göppert is the author of many publications and holds lectures about lightweight construction, membranes and transformable roof structures around the world. In 2010, he was appointed a member of the building convent of the Federal Foundation for Architectural Culture (*Bundesstiftung Baukultur*), and he has been a member of the board of Baden-Württemberg's Architecture Forum since 2013.