On April 1, 2016, the German Group of IABSE together with the Danish Group of IABSE jointly hosted a Colloquium in Hamburg, making it a platform for young engineers to network and to have fun in true IABSE style! The Colloquium attracted 62 participants from Denmark, Germany, the Netherlands, Poland, Switzerland and the United Kingdom.

Young engineers were offered the opportunity to present interesting projects from university, research or construction practice to an audience of fellow engineers from the civil engineering sector. The Colloquium provided attendees with an overview of current research topics, as well as challenging construction projects and was an excellent platform to share experiences among young and old. Ian Firth, UK, delivered the keynote ‘Inspiration and Innovation – A Bridge Designer’s View’ and young engineers presented their work in oral or poster sessions. After that a ‘Future of Design’ session was chaired by Doreen Zauft.

At the end of the day the international jury awarded the best presentations:

1) **Dominik Kueres** , ‘A new Punching Shear Reinforcement Element for Footings’ (Prize: participation in Stockholm Conference)

2) **Martin Rettinger**  ‘Human-induced Vibration: Inverse Determination of the Loading Functions’ (Prize: participation in FoD Conference September)

3) There were two third prize winners: **Nis Andersen** with ‘Managing Risks in a Megaproject’ and **Hendrik Schulze Spüntrup** with ‘Fatigue in Steel Bridges Using the Example of a Suspension Bridge in Cologne’ (Prize: book ‘Cable-Stayed Bridges – 40 Years of Experience Worldwide’ by H. Svensson, sponsored by Verlag Ernst & Sohn).

All presentations are expected to be available in the coming weeks in the Members Area of [www.iabse.org](http://www.iabse.org)
Technical Walks

Next day on April 2, technical walks were organised, one in German and one in English language:

Construction site of terminal stop Elbbrücken of metro line 4 (in German)

A very impressive metro construction site at the Elbe metropolis: the development of metro line 4 from station HafenCity University heading eastwards. It will connect the eastern area of the harbour city and the City. The newly developed area Elbbrücken will also connect the commuter railway system which goes to the south. The terminal stop will be formed as a bridge.

Construction site of Langenfelder Bridge (in English)

The Langenfelder Bridge, a 392 m long span bridge of A7 motorway, is crossing the railroad property of Hamburg-Langenfelde, Binsberg freeway and Rohlfsweg freeway. The bridge will be demolished and then rebuilt because the old bridge was not large enough and had not enough bearing capacity to cope with a 8-lane infrastructure including noise barriers. Reconstruction is done while the traffic is running on top and below the bridge. Demolition was done in a controlled way within two steps: First the western superstructure was demolished and rebuild and then the eastern superstructure was replaced. Traffic is flowing in six lanes on the other bridge part. Also the railway system is running without a break.