

HYDROGEN BRIDGE**2016****UK-CHINA**THEME: *Safety of high-pressure hydrogen storage***Conference chairs****Dr Dmitriy Makarov**

Ulster University, HySAFER (Block 27)
Newtownabbey, BT370QB, UK
P: +44(0)2890 368750, F: +44(0)2890 368726
E: dv.makarov@ulster.ac.uk

Prof Jinyang Zheng

Zhejiang University, No.38 Zheda Road, Hangzhou 310027,
P.R.China, P: +86-571-87952110, F: +86-571-87953393
E: jyzh@zju.edu.cn

International organising committee

Daniele Baraldi (EC JRC, the Netherlands)
Simon Butterfield (Sherwin-Williams, UK)
Stuart Hawksworth (HSL, UK)
Per Sigurd Heggem (Hexagon, Norway)
Warren Hepples (LGC, UK)
Will James (DoE, USA)
Georg Mair (BAM, Germany)
Tim Mays (University of Bath, UK)
Deqin Mei (Zhejiang University, China)
Vladimir Molkov (Ulster University, UK)
Il Moon (Yonsei University, Korea)
Nha Nguyen (DoT, USA)
Xiangmin Pan (Tongji University, China)
Stéphane Villalonga (CEA, France)
Stephen Welch (Edinburgh University, UK)
Jennifer Wen (University of Warwick, UK)
Antonio Ruiz (Technova, Japan)
Geng Wang (China Standardization Institute, China)
Mao Wen (Shanghai Jiao Tong University, China)
Jinsheng Xiao (Wuhan University of Technology, China)
Lin Zhang (Zhejiang University of Technology, China)

Scope

The International Conference "Hydrogen Bridge: Safety of High-Pressure Hydrogen Storage" is organised by Ulster University (Northern Ireland, UK) and Zhejiang University (Hangzhou, China), and will be held 21-22 April 2016. The Conference will bring together scientists and practitioners in the field of high-pressure tank design and manufacturing with emphasis on development of safety strategies and engineering solutions for hydrogen storage and applications.

With hydrogen vehicles and busses already on roads, safety of onboard hydrogen storage is one of the major factors affecting public perception of hydrogen and fuel cell technologies. The

conference will approach safety of high-pressure hydrogen storage from scientific, engineering, technological, regulatory, fire and rescue service perspectives with thrust on the increase of fire resistance of onboard hydrogen storage and relevant safety strategies.

The conference programme covers strategies and recent progress in safety of onboard hydrogen storage; recent achievements in thermal protection of composite cylinders; novel solutions to increase fire resistance beyond car fire duration; advances in modelling and simulation of composite tank performance under combined pressure and fire load; review and development of regulations, codes and standards; analysis of available thermal protection methods.

The programme includes networking and round table discussions with international experts coming from industry, research, academia, and standard developing organisations. The delegates are urged to contact the organisers as the spaces are limited and will be accommodated on the first come

Conference venue

The Conference will be held at Hangzhou in vicinity of West Lake - one of the most scenic places in China. April is the best season for sightseeing and we expect a very picturesque environment. Please come back to this announcement web area, venue and hotel list will be updated soon.

Adjoin event

The conference is conveniently adjoint to the 8th International Seminar on Fire and Explosion Hazards hosted by State Key Laboratory of Fire Science (SKLFS) during 25-28 April, 2016 in Hefei, China. Please see details at: www.isfeh.org.cn. Travel time by train from Hangzhou to Hefei, which is the venue of the 8th International Seminar on Fire and Explosion Hazards, is about 2.5 hours (~£20).

Travel

Hangzhou Int. airport is served by Air China, ANA, China Eastern, JAL, KLM airlines, about 40 km from the conference venue.

Shanghai Pudong airport to Hangzhou travel time by airport shuttle bus is about 3 hours (~£10, en.shairport.com), taxi transfer is about 1400CNY (~£150, www.shanghai-taxi.com).

Shanghai Hongqiao airport to Hangzhou by bullet train is about 1 hour (~£8, www.travelchinaguide.com). Shanghai Pudong and Hongqiao airports are also connected by Metro Line 2 (~ 2 hours travel time).

Sponsored by: **SHERWIN-WILLIAMS.**

