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Prof. H.-M. Prasser (LKE), Prof. A. Steinfeld (PRE)  
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04/10/2017

## **EINLADUNG**

zu einem Vortrag im Rahmen des

### **Kolloquiums Thermo- und Fluidodynamik**

**Datum:** Mittwoch, 25. Oktober 2017

**Zeit:** 16:15 Uhr

**Ort:** Maschinenlaboratorium ETH Zürich  
Hörsaal ML H 44

**Referent:** Dr. Taegee Min  
R&D Center, S&H Co., Ltd. Korea

**Titel:** History and Fluid Mechanics

The history of fluid mechanics will be presented with its historical context at that time. The pioneers of fluid mechanics are all related to the early stages of classical physics. It will be shown that Newton, Bernoulli and Euler are linked to each other dealing with the Cartesian vortex theory elucidating the origin of universe, which is the starting point of modern fluid mechanics. Also, their successors including d'Alembert, Carnot and Fourier were influenced by the French revolution showing the history of fluid mechanics is not independent from the political situation. This talk will also demonstrate that the industrial revolution can be interpreted from a viewpoint of fluid mechanics, and will show how the industrial revolution evoked modern thermal physics considering the political background of the 19th century. Through this brief journey, we will see the hidden figures of fluid mechanics and the influence on many areas such as philosophy, economics, music, literature and art.

*Host: Prof. H.G. Park*

**Gäste sind willkommen!**