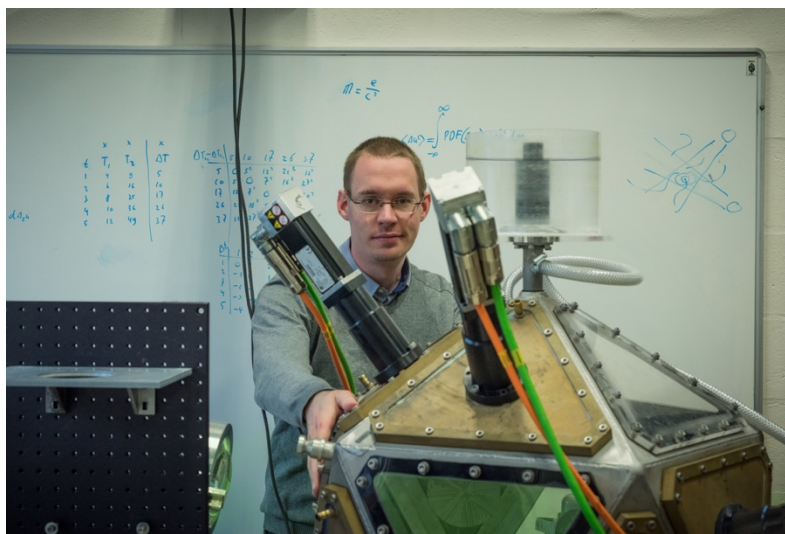


Meet Sander Huisman MCEC's new tenure track assistant professor

Sander Huisman has obtained his PhD degree in physics at the University of Twente on turbulent Taylor Couette flows. During his postdoc he stayed for two years at the École Normale Supérieure in Lyon looking at particles in turbulence.

Since September 2017 Huisman has returned to Twente to start as assistant professor. He will be leading the high Reynolds number turbulence and multi-phase flows part of the Physics of Fluids group and fulfil his teaching duties.



Turbulent flows are ubiquitous in industry and nature, and generally involve dispersed phases (bubbles, sand) for example in rivers, chemical reactors, atmospheric flows, etc. It is therefore important that we understand the properties of highly turbulent flows, and understand in detail how the dispersed phase acts inside the carrier flow. This can be important for catalytic reaction, where the catalyser should 'explore' the entire reactor.

At the University of Twente, he will look at high Reynolds number multi-phase flows inside the Twente Turbulent Taylor-Couette facility, the Boiling Twente Taylor Couette facility, the Twente Water Tunnel facility, and the newly constructed Twente Heat and Mass Transfer Tunnel.

