

## Specific areas for selection of PhD/MS(R) applicants

December 2017

Apart from project positions, institute assistantships will preferably be offered in the following areas:

### **Design**

Noise and Vibration

CAD / FE modeling of impact and blast

Rotordynamics

Tribology

Design of Precision motion stage

Material Modeling

### **Thermofluids**

Convective and diffusive transport processes at microscale

Biomass gasification and combustion

Soil erosion due to liquid drop impact

Thermal protective clothing

Direct numerical simulation of boiling and condensation flows