

Call for Papers

ICUME 2015 is a single or parallel session conference where all presented papers will have been peer reviewed. The conference proceedings will be published by Trans Tech Publications Ltd.

Papers can be submitted to a relevant Mini Symposium or to the main session on the topic Uncertainty in Mechanical Engineering. Each submitted paper will be reviewed by the international scientific advisory board. One author of the accepted paper must register and present the paper at the conference.

The deadlines for the submission of the papers are:

1. Full paper submission: April 10th, 2015
2. Reviewed papers: June 5th, 2015
3. Final paper submission: July 10th, 2015

Please register online at www.icume.de. This website contains additional information on templates, hotels, etc. Register by July 15th, 2015 and save 80 €.

Mini Symposia

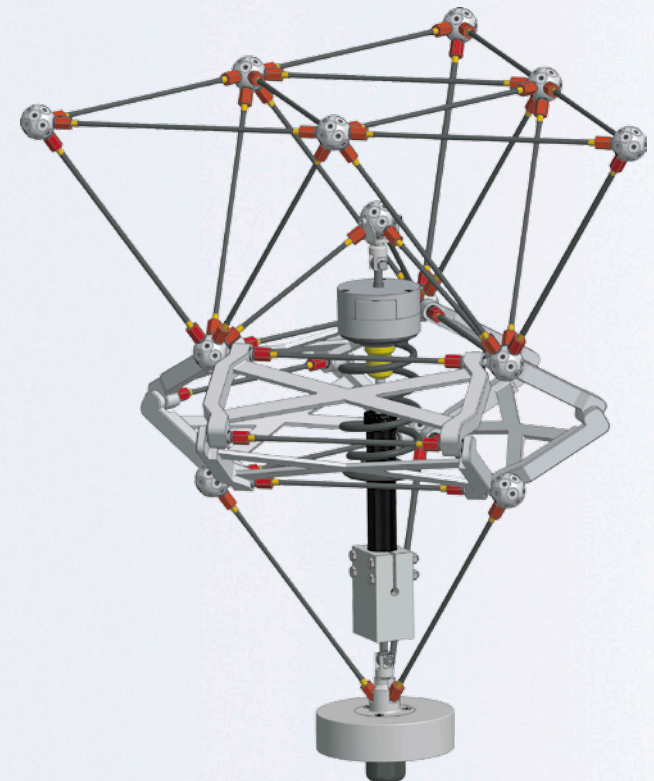
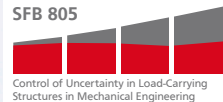
In addition to the main session on Uncertainty in Mechanical Engineering, there will be mini symposia on special topics in the context of the conference.

Topics for Mini Symposia	Organizer
uncertainty of human-machine system	Prof. Bruder
comparing uncertainty of passive and active structural dynamic improvements in light weight design	Dr. Platz/ Prof. Melz
modular design and scaling for reduced uncertainties in the design process	Dr. Kloberdanz
improved product quality by online monitoring and closed-loop control of manufacturing processes	Prof. Groche
uncertainty in high precision cutting processes	Prof. Abele
modelling uncertainty information with semantics	Prof. Anderl
uncertainty quantification	Prof. Kohler
optimization under uncertainty	Prof. Ulbrich/ Prof. Pfetsch
binary decisions under uncertainty	Prof. Lorenz

ICUME 2015

2nd International
Conference
on Uncertainty
in Mechanical Engineering

November 19th–20th, 2015





About ICUME

At ICUME, the participants will discuss methods and technologies to describe, evaluate and control uncertainty in mechanical engineering applications. International scholars and specialists will come together to provide a broad forum to discuss the description, evaluation, avoidance, elimination of and adaptation to uncertainty. It is the aim to control uncertainty throughout the system's complete lifetime in planning, development, production and usage of mechanical structures and systems. Engineers, mathematicians and other areas of expertise working in uncertainty evaluation exchange latest research results and application of uncertainty control.

The conference will be hosted by the German Collaborative Research Centre 805 "Control of Uncertainty in Load-Carrying Structures in Mechanical Engineering" at Technische Universität (TU) Darmstadt, funded by the Deutsche Forschungsgemeinschaft DFG.

The conference fee will be:
Early Registration 420 € (by July 15th, 2015)
Regular 500 €
Students 50 €

This fee includes participation at the conference dinner:
Welcome Hotel Darmstadt,
November 19th, 2015 at 19:00.

You will also receive a printed copy of the conference proceedings.

The conference will take place at the
darmstadtium Congress Centre
Schlossgraben 1
64283 Darmstadt, Germany

Contact

Technische Universität Darmstadt
Collaborative Research Centre 805
Magdalenenstr. 4, 64289 Darmstadt, Germany

Spokesperson: Prof. Peter F. Pelz
Tel: +49 6151 16-2153
Email: pelz@sfb805.tu-darmstadt.de

Assistant to the Spokesperson: Mr Philipp Hedrich
Tel: +49 6151 16-2559
Email: hedrich@sfb805.tu-darmstadt.de

Executive Board: Ms Daniela Kaller
Tel: +49 6151 16-6930
Email: kaller@sfb805.tu-darmstadt.de

Head of Organization: Ms Angela Vergé
Tel: +49 6151 16-2559
Email: verge@sfb805.tu-darmstadt.de