- Invitation to the 15th Anniversary of Lab MST on Friday, 6 December 2019, 13:30, Barkhausen-Bau, Room 106, Helmholtz Str. 18, 01069 Dresden -

We are happy to cordially invite you to celebrate the 15th birthday of the Chair and Laboratory Mess- und Sensorsystemtechnik (MST) of Faculty Electrical and Computer Engineering of TU Dresden

Agenda:

13:30 – 13:45 Opening address of the dean (requested), BAR 106
13:45 – 15:15 Session 1, BAR 106
Juergen Czarske
Past, Present and Future of Measurement Systems Engineering for a Sustainable Progress in Technical Processes and Biomedicine - 5 years Reinhart Koselleck Project of DFG (30 min)

Volker Busskamp
Optogenetics: Perspectives of Human Induced Pluripotent Stem Cells-Derived Neural Networks (20 min)
Mariana Medina Sanchez
Micro-Swimming Robotic Sperm and Metrology (20 min)
IFW Dresden
Sebastian Burgmann
Flow Studies for Energy Efficient Fuel Cells (20 min)
University of Wuppertal

15:15 – 16:00 Coffee break
16:00 - 17:00 Session 2, BAR 106
Sven Eckert
Ultrasound Based Instrumentation for Liquid Metal Flows (20 min)
HZDR
Oliver Otto
Optical Rheology of Tissues in Virtual Fluidic Systems (20 min)
University of Greifswald
Michael Steinke
Glass Fibers for Gravitational Wave Measurements and Endoscopy (20 min)
University of Hannover

17:00 – 18:00 Lab-Tour, BAR 12
18:00 – 21:00 Get-together with free draft beer and awarding of the Sick Young Talent Prizes, Foyer

The presentation slides are in English, the talks can be held in German or English. Next year, the world congress of International Commission for Optics (ICO) and International Society for Optics in the Life Sciences (OWLS) will be in Dresden, see https://www.ico25.org. The ICO is an umbrella organization with 7 scientific member organizations (OSA, SPIE, IEEE, EOS, ...) covering all major topics of optics and photonics. The theme of the ICO-OWLS congress is "Progress for society with light". Please consider to submit a paper.

We look forward to welcoming you in Dresden to our party.

Warmly,
Jürgen Czarske