



Lecture No. 86

Czech Society for Mechanics and Institute of Thermomechanics, CAS

invite you to a Research seminar

Thermomechanics in optical fibre drawing, splicing, and everyday use

given by

Prof. Pavel Honzátko

Institute of Photonics and Electronics of the Czech Academy of Sciences

Overview of the optical fibre drawing technology in the Institute of Photonics and Electronics of the Czech Academy of Sciences (ÚFE) will be presented. Some future trends in the fibre technology will be discussed together with related thermomechanical problems which include preform shaping by laser ablation, capillary drawing, hollow core and air-clad fibre drawing, polymer and metal coating, thermomechanical polymer stripping, fibre fusion splicing and tapering, splice testing, fibre cooling, and mitigation of acousto-optical effects.

**The lecture will be held on Wednesday, March 11, 2020 at 10:00 in the building
of the Institute of Thermomechanics (lecture room B), Dolejškova 5, 182 00 Prague 8**