



## Lecture No. 52

**Czech Society for Mechanics  
and Institute of Thermomechanics, CAS**

invite you to a lecture and discussion within  
the lecture series **Institute of Thermomechanics Seminar**

### Predicting low and high friction in rotating mechanisms

given by

**Juan Carlos Jauregui**

Universidad Autonoma de Queretaro, Mexico

- Professor at Universidad Autonoma de Queretaro - conducts research in design and dynamics of machinery.
- Responsible for the design of a large number of automatic tailor made machines which are been installed in different industries. Involved in the development of monitoring systems based on vibration analysis.
- Author of two books: “Mechanical Vibrations of Discontinuous Systems” (Nova Publishers) and “Parameter Identification and Monitoring of Mechanical Systems under Nonlinear Vibrations (Elsevier).
- More than 70 papers in international journals and congresses.
- Member of many professional organizations such as ASME (American Society of Mechanical Engineers), Mexican Society of Mechanical Engineering, Academy of Engineering (Mexico), National Research System (Mexico).
- Chair of the Technical Committee for Vibrations at IFToMM (The International Federation for the Promotion of Machines and Mechanisms).

**The lecture will be held on Thursday, September 6, 2018 at 10:00 in the building  
of the Institute of Thermomechanics (lecture room B), Dolejškova 5, 182 00 Prague 8**