



TRC IFTOMM SYMPOSIUM ON THEORY OF MACHINES AND MECHANISMS

MECHANISM AND DRIVE SYNTHESIS LECTURE

During TrISToMM, Univ.-Prof. Dr.-Ing. Dr. h. c. Burkhard Corves from RWTH Aachen will give a lecture on ***Mechanism and Drive Synthesis***. The lecture will be held in June 14, at 13:30-17:30. The subtitles of the lecture are as follows:

- General Layout of an Electro-Mechanical Drive System
- Main Questions during the Design Phase
- Characteristics of Electrical Machines
- Kinematics of Planetary Gears
- Encoders
- Linear and Rotary Electric Motors
- Energy Conversion and Motor Constants
- Pneumatic Cylinders
- Electric Motor Simulation Models
- Control of Electric Drives and Mechanisms
- Optimum Gearbox selection



Prof. Burkhard Corves

<http://www.igm.rwth-aachen.de/index.php?id=institutsdirektor&L=2>



Participation to the lecture will be free for TrISToMM participants. Please fill in the relevant part in the registration form or send an e-mail to umts@iyte.edu.tr until April 30th in order to attend the lecture.