



**Test and Measurement Seminar in organization with HBM Academy  
and TRCpro:  
HBM on Tour 2017, Zagreb**

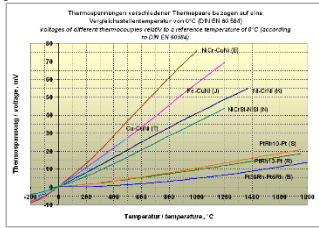
**Date and Time of the Event:** 24.04.2017 8.30...16.00  
**Place:** FORUM Zagreb – Congress Center, Croatia  
<http://www.forumzagreb.net/en/>  
**Lecturer:** Thomas Hesse, Hottinger Baldwin Messtechnik  
**Language:** English  
**Information and Applications:** Ljudmila and Hotimir Ličen, TRCpro d.o.o.  
email: [hbm@trcpro.eu](mailto:hbm@trcpro.eu)  
phone: +386 4 2358310  
**Website information:** <http://trcpro.eu/tecaj-hot-2017-zagreb/>  
**Application Deadline:** 17.4.2017

**Agenda**

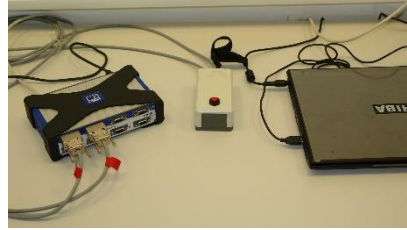
08:30 Welcome Presentation of instructors and program  
08:40 Strain gage and sensor with Fiber Bragg Principal  
09:30 Force and Torque Transducer – What are the Quality Parameters?  
10:30 Coffee Break  
10:45 Practical Exercises (Workshop, Part I)  
12:30 Lunch  
13:30 Practical Exercises (Workshop, Part II)  
14:30 Coffee Break  
14:45 Practical exercises (Workshop, part III)  
16:00 End of event

## Workstations

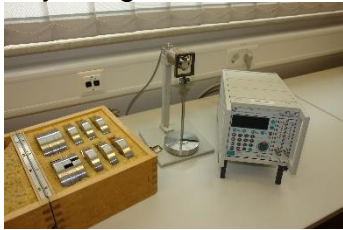
### Thermocouples with and without cold junction



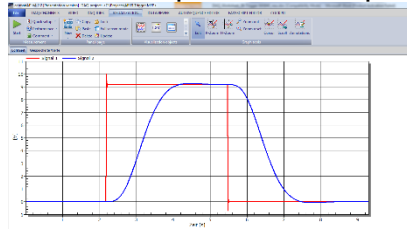
### Trigger measurements



### Adjusting an SG transducer



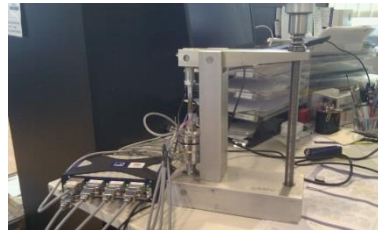
### Manual temperature compensation



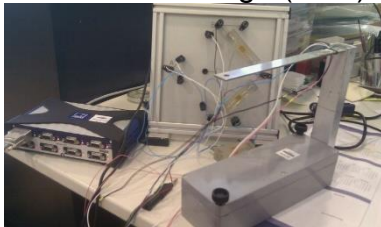
### Real-time math (ESA)



### Determining the modulus of elasticity and Poisson's ratio



### Wheatstone bridge (ESA)



### Calibrating a force transducer



### Sensor Database

