ADVANCED FLOW MEASUREMENTS BMEGEÁTAM03
SEMESTER 2010/2011/2
LABORATORY AND PROJECT WORKGROUPS

Work group #	Name	Individual project topic
1	Bali Csaba	Propeller meter (Mini-Air, Mini-Water
	Balla Dániel	Airfoil anemometer
	Borda Péter	Thermal anemometer, thermal volume flow meter
2	Csató Bertalan	Pressure transducer, temporal mean pressure (low, medium, high)
	Füle Péter	Pressure transducer, temporally changing pressure (capacitive, pieso-inductive, pieso-resistive)
	Juhász Zoltán	Temperature meter
3	Lányi Ádám	Stroboscopy (flashlight, laser stroboscope)
	Liszkai Bence	Laser Doppler Velocimetry
	Lőrincz András	Pitot-static probe; Total, static, dynamic pressure probes
4	Propszt Norbert	Ultrasonic flowmeter
	Rádi Ferenc	Vortex flowmeter
	Simon Ármin Levente	Magneto-hydrodynamic flowmeter (Magneto-inductive flowmeter)
5	Sindler László	Variable area flowmeter (Rotameter)
	Szabó Balázs	Coriolis flowmeter
	Szemán Zoltán	Turbine flowmeter
6	Szőke Tibor Máté	Volumetric flowmeter
	Ullrich István	Infrared thermocamera
	Kiss Bálint	Particle Image Velocimetry
7	Miljanovits Iván	
	Stocker Bence György	
	Rácz Róbert	Laser sheet flow visualisation

PROJECT:
1/ Carry out market and literature research (use of Internet recommended) in the specified project topic.
2/ Visit the industrial exhibitions for making industrial contacts in the specified project topic. (Ökotech, Hungarotherm)
3/ Give five applicational examples for the project topic, together with illustrations (photos, drawings etc.)
Applicational areas: industrial applications, process control and automation, applied research
AT LEAST TWO EXAMPLES SHOULD BE TAKEN FROM THE INDUSTRIAL EXHIBITION, WHENEVER POSSIBLE.
4/ Give five contacts (firms, affiliations, vendors, manufacturers) for obtainment of instruments in the project topic.
AT LEAST TWO CONTACTS SHOULD BE TAKEN FROM HUNGARY.
5/ Prepare a max. 5 min, max. 5 slide ppt presentation on the project results.

Budapest, 2011/03/08 Dr. János VAD