

Schedule of laboratory exercises
MEASUREMENT SCIENCE

academic year 2017/2018

Students from China

day

hours

lecturer:

Tuesday

8³⁰ – 10⁰⁰

K. Musioł, PhD. room B26a

<i>Item</i>	<i>Date</i>	<i>Exercise</i>
1	10-10	Introduction
2	17-10	OSC - Digital oscilloscope
3	24-10	GEN - Waveform generator
4	31-10	DMM - Digital multimeters
5	07-11	Evaluation I
6	14-11	EMR1 - Elaboration of measurement results – error analysis
7	21-11	EMR2 - Elaboration of measurement results – uncertainty analysis
8	28-11	SPT - Static properties of measurement transducers
9	05-12	DPT - Dynamic properties of measurement transducers
10	12-12	Evaluation II
11	19-12	VMI - Virtual measuring instruments
12	09-01	STA - Statistical analysis of measurement results
13	16-01	ACV - AC voltage measurements
14	23-01	Makeup and final evaluation

Remarks: Each section performs the same exercise

All exercises take place in laboratory room B24

Literature:

1. Set of laboratory instructions in digital form
2. Sydenham P. H.: *Handbook of Measurement Science*. Vol. 1 and 2. John Willey & Sons, 1982