

# 6<sup>th</sup> Workshop

## “Applications, Techniques & Analysis of Data in Cardiovascular & Neurophysiology Research by ADInstruments”

UNIVERSITI TEKNOLOGI MARA,  
FACULTY OF MEDICINE, SHAH ALAM

31<sup>st</sup> May - 1<sup>st</sup> June

### 31<sup>st</sup> May 2010 Day 1

- 9.00 am Welcoming Speech
- 9.10 am Overview of the day's programme
- 9.15 am Designing your own integrated teaching experiments
- 10.30 am Tea break
- 10.45 am Continuation of designing your own teaching experiments with hands –on by participants
- 11.30 am ECG and Heart rate Data Acquiring and Analysis – Real Time. Through conventional and wireless methods
- 12.45 pm Lunch
- 2.00 pm Pulse Oximetry - A live demonstration on mice
- 3.30 pm Tea
- 3.45 pm Continuation of Pulse Oximetry with hands-on by participants
- 4.30 pm Questions and Answers

### 1<sup>st</sup> June 2010 Day 2

- 9.00 am Overview of the day's programme
- 9.10 am Electro/Neurophysiology - Methods, problems and data analysis
- 10.30 am Tea break
- 10.45 am Biopotential Data Acquisition through Telemetry - Implantation of biopotential transmitters, data acquisition and analysis.
- 12.45 pm Lunch
- 2.00 pm Pressure-Volume Recording and Analysis – Acquiring data through the use of Millar Catheters
- 3.30 pm Tea
- 3.45 pm Continuation of Pressure-Volume Recording and Analysis
- 4.30 pm Questions and Answers

