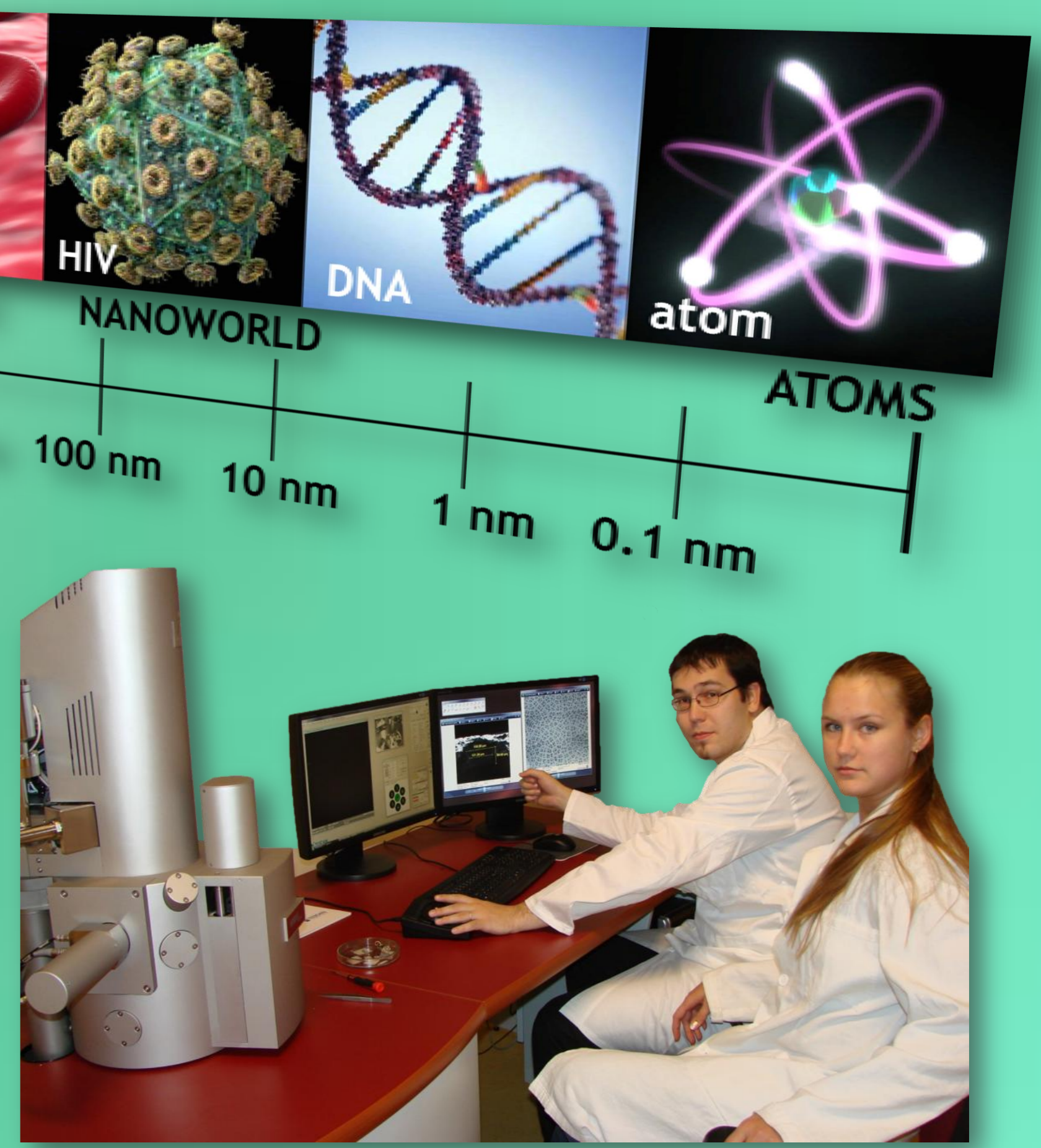
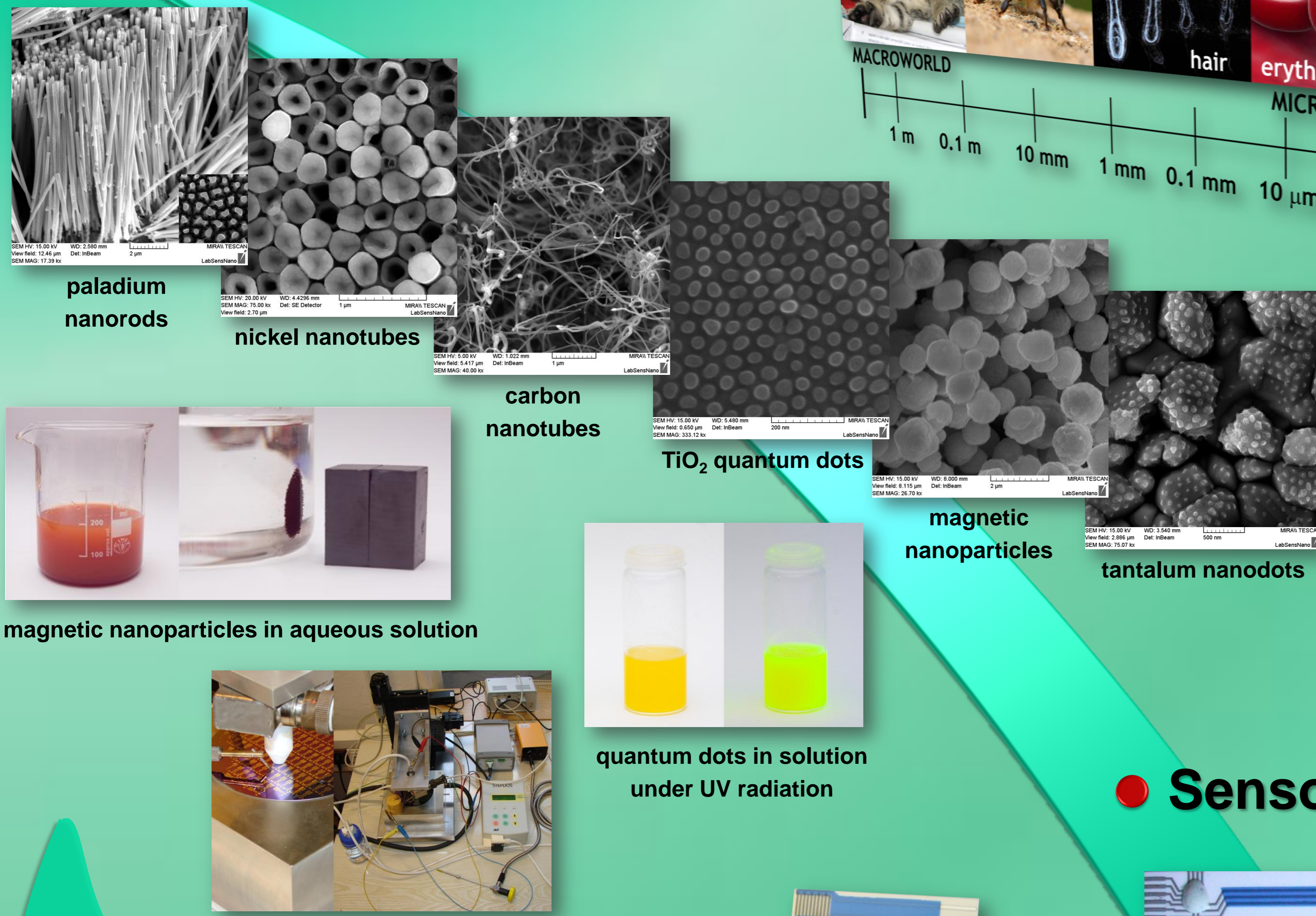


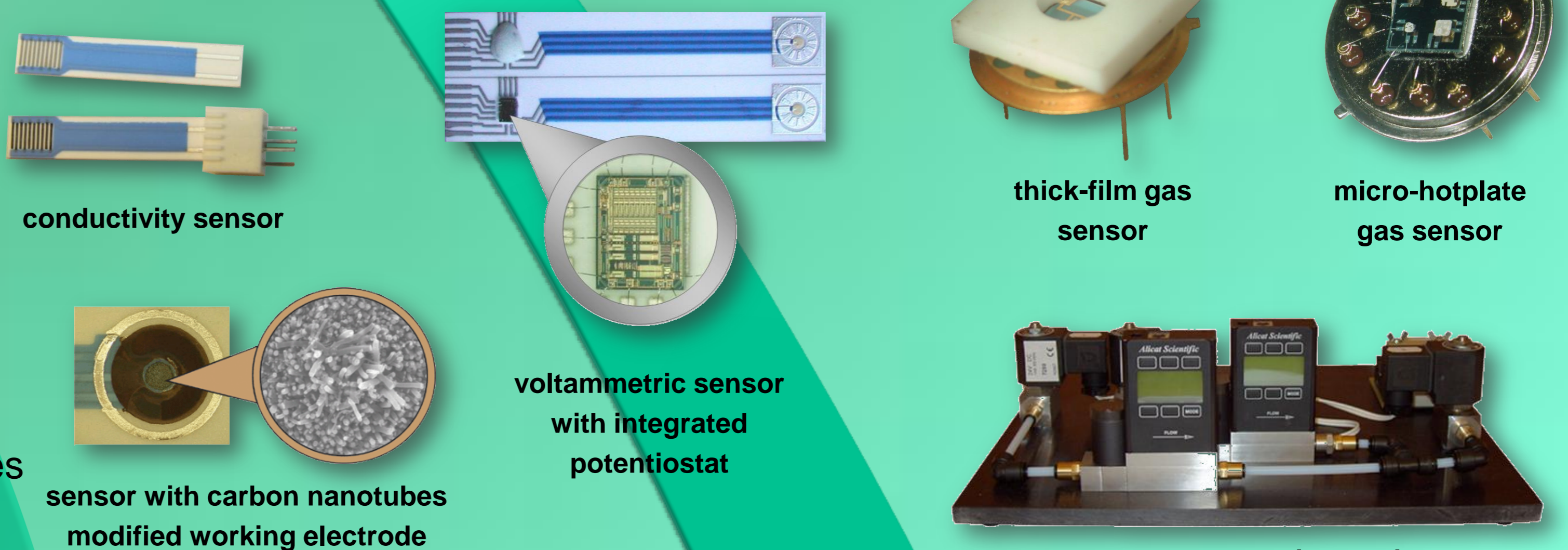
Laboratory **LabSensNano** is specialized in fabrication of electrochemical and chemical microsensors, nanosensors and biosensors and their application in the field of chemistry, biochemistry, medicine and environment since 2004.

## Nanotechnology



scanning electron microscope TESCAN Mira II

## Sensors



conductivity sensor

thick-film gas sensor

micro-hotplate gas sensor

voltammetric sensor with integrated potentiostat

gas sensors testing station

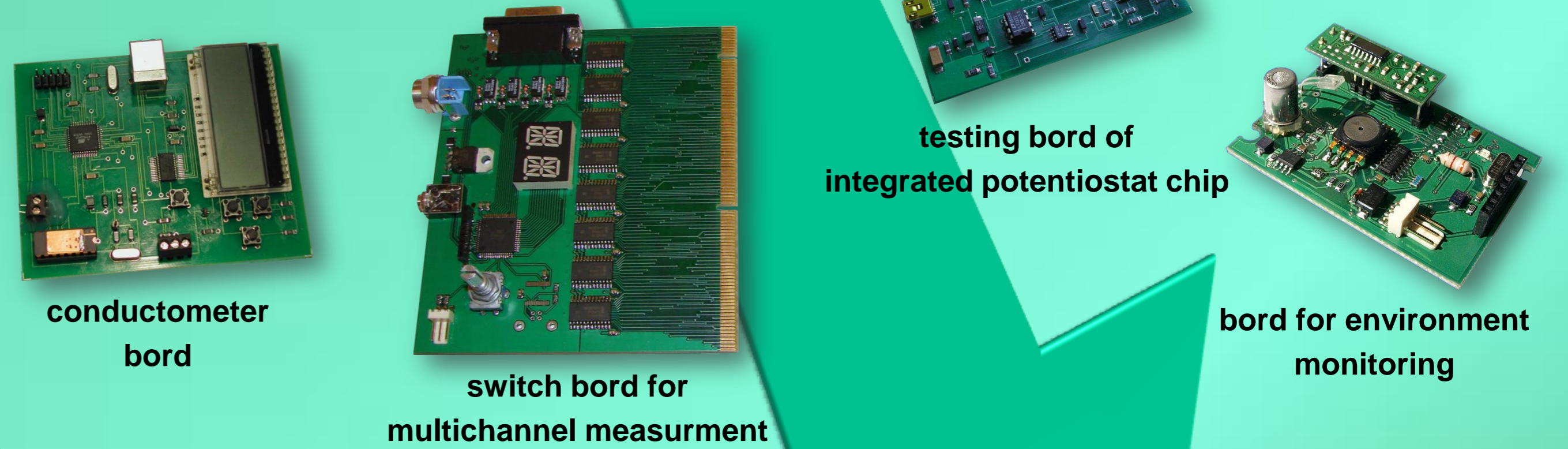
### Aims of LabSensNano:

- know-how progress in the field of micro and nanotechnology for sensing systems
- to be among the top European research laboratories
- to train experienced researchers in the area of special electronic devices, sensing systems and advanced construction technologies

### LabSensNano is specialized in:

- fabrication of nanostructured surfaces (nanowires, nanopillars, nanotubes, nanodots)
- chemical micro/nano-sensors for environment quality monitoring (toxic pollutants and gas detection)
- biosensors for virus, DNA and cancer cell detection
- fluorescence optical chemosensors and biosensors
- instrument and microsystem construction for detection
- Lab-on-a-chip fabrication

## Electronics



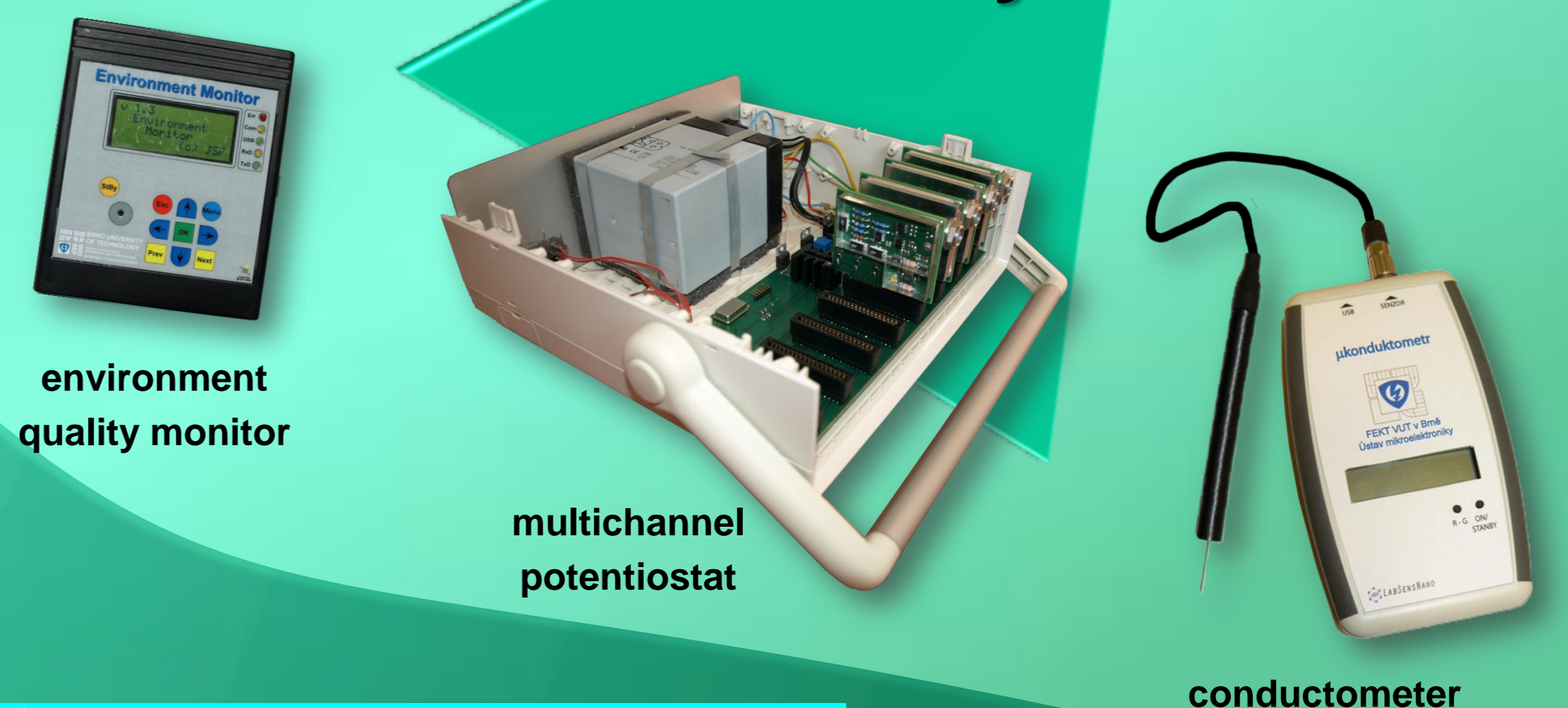
conductometer board

switch board for multichannel measurement

testing board of integrated potentiostat chip

board for environment monitoring

## Systems



environment quality monitor

multichannel potentiostat

conductometer

