

Session 6:

MICROELECTRONICS

Chairperson: prof. Ing. Daniela Ďuračková, PhD.

08:30 - 10:30

1. PROGRAMME APPLICATION FOR ANALYSING HRV SIGNAL ACQUIRED BY BLUETOOTH CHEST STRAP

**Marián Popovič, Erik Vavrinský, Daniela Moskal'ová, Juraj Helbich,
Vladimír Tvarožek**

2. HIGH-END INTEGRATING SPHERE FOR COMPLEX CHARACTERISATION OF SSL LIGHT SOURCES

Anton Paus, Pavol Hronec, Jozef Martaus

3. THE TEMPERATURE GRADIENT AS AN ENERGY SOURCE FOR A WIRELESS BIOMONITORING SYSTEM

Gabriel Nagy, Viera Stopjaková

Coffee Break

4. IMAGE SEGMENTATION METHODS SURVEY

**Marcel Černák, Daniela Ďuračková, Tomáš Kováčik, Vladimír Sedlák,
Roman Záluský**

5. SKIN COLOR DETECTION IN YCBCR AND HSV COLOR SPACE

Tomáš Kováčik, Daniela Ďuračková, Marcel Černák, Vladimír Sedlák