

## **Medical Physics – Seminary – 2023/24**

Mondays 15,00-17,30 - Dept. of Biophysics

Lecturers: V. Bernard, V. Mornstein, D. Vlk

Monday September 18<sup>th</sup>

**Selected problems of thermodynamics (Mornstein)**

Monday October 2<sup>nd</sup>

**How to understand ultrasound diagnostics (Bernard)**

Monday October 16<sup>th</sup>

**Biophysics of hearing and vision. Sensory perception examination and aids. (Vlk)**

Monday October 30<sup>th</sup>

**Magnetic resonance imaging (MRI). (Mornstein)**

Monday November 13<sup>th</sup>

**Interaction of radiation with matter and dosimetry devices, protection from ionising radiation (Mornstein)**

Monday November 27<sup>th</sup>

**Devices in nuclear medicine and radiotherapy (Mornstein)**

Monday December 11<sup>th</sup>

**X-rays and XRI (Vlk)**