GEIST Teaching

GRIS

- a.k.a. GEISTa Reguły Interakcji ze Studentami: here *(currently only in Polish)*

Courses

Current lists of courses taught can be found in the JU USOSweb system:

- prof. dr hab. inż. Grzegorz Nalepa: USOSweb
- dr inż. Szymon Bobek: USOSweb
- dr inż. Krzysztof Kutt: USOSweb

Details of the content and credit rules for each course can be found in the JU Sylabus.

Human-AI Laboratory (HAL)

A didactic laboratory established in 2021 at the Jagiellonian University under the project **HAL2021: Human-AI Laboratory** (ArsDocendi UJ; project number: 37.2020).

The laboratory includes the equipment needed to conduct practical laboratory classes focusing on **modern methods of human-machine interaction based on artificial intelligence methods**. In particular, the laboratory is equipped with:

- 3x biosignalsplux Explorer **physiological signal measurement kits**
- **Hardware acceleration modules for AI**: 2x Groove AI Hat (for Raspberry Pi), 2x Intel Neural Compute Stick 2 (with USB interface), 4x Google Coral Dev Board (standalone boards)
- 4x **Raspberry Pi** 4B minicomputers
- 5x **Android phones** with NPU module dedicated to machine learning and with ARcore SDK support for augmented reality solutions (XIAOMI Mi 10 Lite 5G 6/128 GB)
- 2x 1TB **external drives** for data collected in experiments

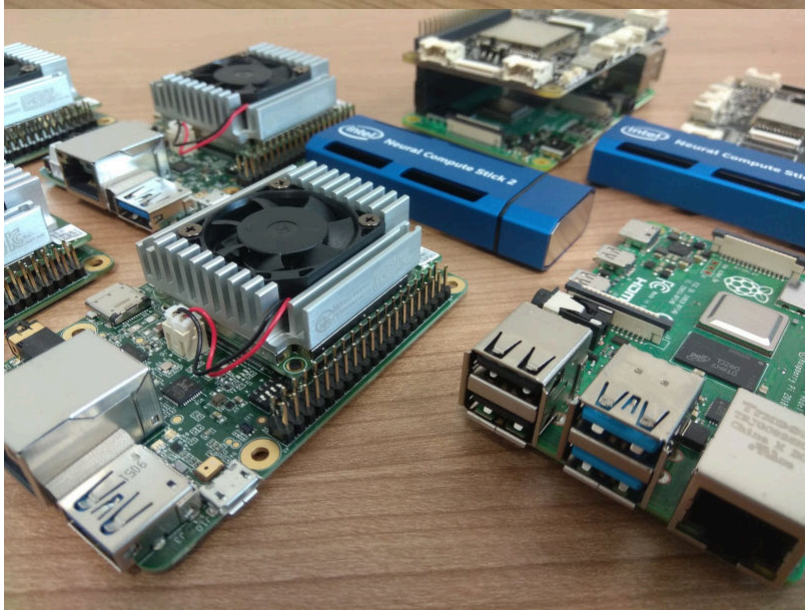












Equipment from the lab is used in the following courses, among others:

- *AI workshop I & II* (WFAIS.IF-XG322.0, WFAIS.IF-XG324.0)
- *Psycho-physiological signal analysis workshop* (WFAIS.IF-X218.0)

- *Ambient Intelligence Systems* (WFAIS.IF-XG323.0)
- *Data Mining workshop* (WFAIS.IF-X217.0)

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