

SMART HOME ENERGY CONTROL SYSTEM USING THE JUNG HOME PLATFORM - IT PART

SHORT DISKRIPTION:

Design and implement voice command recognition systems, program control interfaces, and analyze micro-grid parameters for efficient power supply and integration. Informatics students will use voice recognition to enable home control and program interfaces for other systems. Informatics engineers will analyze micro-grid parameters for energy efficiency and system stability, integrating these with the JUNG Home system for testing.

PARTISIPANTS:

Bachelor's degree students, priority to IT students, but others may apply. Teaching staff can also join as Erasmus lecturers or speakers.

- ◆ ECTS: 3 ECTS
- ◆ Number of Participants: 20
- ◆ Working language: English, minimum B1 level
- ◆ Included: free accommodation (5 nights), lunch (5 times), excursions, coffee breaks.

Organizer: Daiva Stanelytė, Head of Informatics in Electrical Engineering Department (e-mail: d.stanelyte@kvk.lt)

Location: Bijunu str. 10, Klaipeda, Lithuania4th StreetNew York

PHYSICAL PROGRAMME: 12/05/2025 – 16/05/2025

VIRTUAL PROGRAMME: 19/05/2025 – 20/05/2025

LINK TO REGISTRATION FOR THE BLENDED INTENSIVE PROGRAMME:

[HTTPS://FORMS.OFFICE.COM/E/UG3QHKGQY9](https://forms.office.com/E/UG3QHKGQY9)