

## Newsletter 4

September 2025

## **Artificial Intelligence for Studies and Support** in Higher Education

Cooperation Partnerships in Higher Education 01.10.2023 - 30.09.2025



www.Facebook.com/aissproject

#### **AISS Project implementation**

The AISS project continues to demonstrate how artificial intelligence can be responsibly integrated into higher education. Recent pilots at Florida Universitària (Spain) and the University of Bayreuth (Germany) showcased both the practical use of Al-powered learning tools and the added value they bring to teaching and learning.

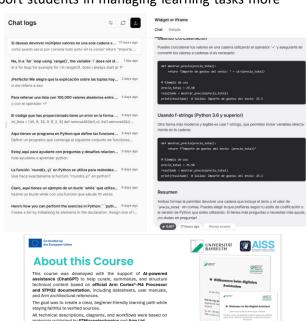
From 15 to 21 September 2025, Florida Universitària carried out a pilot session of the AISS course with 25 students enrolled in the "Digitisation Applied to the Production Process (GS)" course within the 2nd DAM Semi programme. Using the Florida Moodle platform, participants explored how to interact with the project's chatbot to access course materials, answer questions, navigate content, and receive reminders.

The pilot achieved its objectives: students successfully tested the three core outcomes of the AISS project, improved their competence in programming, and provided valuable feedback on the usability and reliability of the AI tools. Their engagement confirmed that AI can support students in managing learning tasks more

effectively while fostering subject-specific knowledge.

While general-purpose AI systems often rely on massive, heterogeneous datasets, the Bayreuth pilot pursued a more targeted and responsible path. The AISS team developed a dedicated chatbot within Microsoft Copilot, trained exclusively on carefully selected subject-specific materials such as datasheets, manuals, and relevant course content.

This tailored approach ensured that the chatbot produced accurate, relevant, and safe responses to both organisational subject-related aueries. Students and "Microcontrollers" course confirmed that this domainoutperformed generic demonstrating the benefits of grounding AI in trusted academic resources. These findings were presented at a seminar hosted by the Faculty of Engineering Science at the University of Bayreuth. Professors Gerhard Fischerauer and Natalia Morkun, together with M.Sc. Niklas Krug from the Chair of Measurement and Control Systems, shared insights into the design, technical development, and pedagogical rationale of the AISS chatbot.



The pilots in Spain and Germany confirm the potential of AI to support learning when applied responsibly and with clear pedagogical goals. By combining technological innovation with academic integrity, the AISS project is setting a benchmark for how AI can be embedded into higher education teaching in a transparent, reliable, and student-centred way.



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### **Final AISS project meeting**

On **June 24–25 in Bayreuth**, the AISS project team gathered for the **final project meeting**, bringing together partners from across the consortium.

The two-day event was both **intense and inspiring**, filled with discussions, progress updates, and reflections on the project's journey.

As we move into the **pilot phase** and prepare for **dissemination workshops**, we look forward to testing our solutions in real-world settings and sharing our achievements with a wider audience.







www.uni-bayreuth.de







https://upjp2.edu.pl



https://ktu.edu/

#### **AISS dissemination events**







In recent months, the AISS consortium has actively presented project results and insights at dissemination events across Europe. These activities engaged students, teachers, and higher education professionals in discussions on the role of AI in education and offered opportunities to test the tools developed by the project.

- Kraków (June 3, 2025): 20 participants explored Alpowered assistants, multimedia modules, and strategies for higher education.
- Bayreuth (July 23, 2025): A seminar highlighted practical approaches to integrating AI in teaching.
- Kaunas (September 25, 2025): Over 70 teachers exchanged experiences with AI in education.
- Valencia (September 25, 2025): 20 participants joined to learn about AISS outcomes.

Together, these events fostered dialogue, collaboration, and valuable feedback that will guide the final project phase.

