

NEXT Erasmus Blended Intensive Programme (BIP) "AI and IoT for Measurement Systems in Health and Energy Sectors 2026 – Second Edition."

Poslovno-tehniška fakulteta razpisuje **3 študentska mesta** za Erasmus+ (Blended Intensive Programme) poletno šolo, ki bo potekala v dveh ciklih:

- **Spletna predavanja v živo:** vsak četrtek popoldan v septembru in oktobru 2026 (24.9., 1.10., 8.10., 15.10.) med 14:30 in 17:30 (CET).
- **Predavanja v Rimu (Italija):** od ponedeljka 26. oktobra 2026 ob 14:00 do petka 30. oktobra 2026 do 12:30 (CET)

Program želi ponuditi večdisciplinarni pogled na to, kako se lahko umetna inteligenca (AI) in internet stvari (IoT) združita za oblikovanje, izvajanje in optimizacijo naprednih sistemov merjenja in spremljanja. Poseben poudarek bo na uporabi v zdravstvenem in energetskega sektorju, kjer rešitve, ki temeljijo na AI in IoT, spreminjajo pridobivanje podatkov, odločanje in sistemsko inteligenco. Udeleženci se bodo udeležili kombinacije sinhronega spletnega učenja in intenzivnih osebnih srečanj, kjer bodo imeli koristi od mednarodnega sodelovanja, praktičnih dejavnosti in seznanjanja z nastajajočimi raziskovalnimi trendi.

The programme aims to provide a multidisciplinary perspective on how Artificial Intelligence (AI) and the Internet of Things (IoT) can be integrated to design, implement, and optimize advanced measurement and monitoring systems. Particular emphasis will be placed on applications in the health and energy sectors, where AI- and IoT-enabled solutions are transforming data acquisition, decision-making, and system intelligence. Participants will engage in a combination of online synchronous learning and in-person intensive sessions, benefiting from international collaboration, hands-on activities, and exposure to emerging research trends.

Organizator nudi možnost nastanitve v večposteljnih sobah v študentskem domu Univerze Niccolò Cusano (<https://www.unicusano.it/en/facilities/the-residenza-unicusano>). Potne stroške in ostale stroške krije vsak študent sam iz naslova Erasmus programa.

Razpis je odprt za študente 2. letnika dodiplomskega (tudi 1.letnika, ki izpolnjujejo pogoje za vpis v 2. letnik) in vse študente magistrskega programa Gospodarski inženiring. Prijave najkasneje do **3. avgusta 2026 v tajništvo Poslovno-tehniške fakultete oz helena.skrl@ung.si**. Prednost bodo imeli študenti z višjim študijskim uspehom (povprečna ocena opravljenih izpitov, do 5 točk) oz študenti, ki že imajo strokovne / znanstvene publikacije (+5 točk). Dodatna prednost je sodelovanje v študentskih projektih Univerze v Novi Gorici (+5 točk). Dodiplomski študentje s sodelovanjem lahko pridobijo do 3 ECTS.

The organizer offers accommodation in shared rooms at the Niccolò Cusano University dormitory (<https://www.unicusano.it/en/facilities/the-residenza-unicusano>). Travel and other expenses are covered by each student through the Erasmus program.

The call for applications is open to second-year undergraduate students (as well as first-year students who meet the requirements for enrollment in the second year) and all students in the Master's program in Industrial Engineering. Applications must be submitted by August 3, 2026, to the Office of the School of Engineering and

Management or via helena.skrl@ung.si. Preference will be given to students with higher academic performance (average grade on completed exams, up to 5 points) or students who already have professional/scientific publications (+5 points). Participation in student projects at the University of Nova Gorica is an additional advantage (+5 points). Undergraduate students can earn up to 3 ECTS credits through their participation.

V programu sodelujejo / Participants:

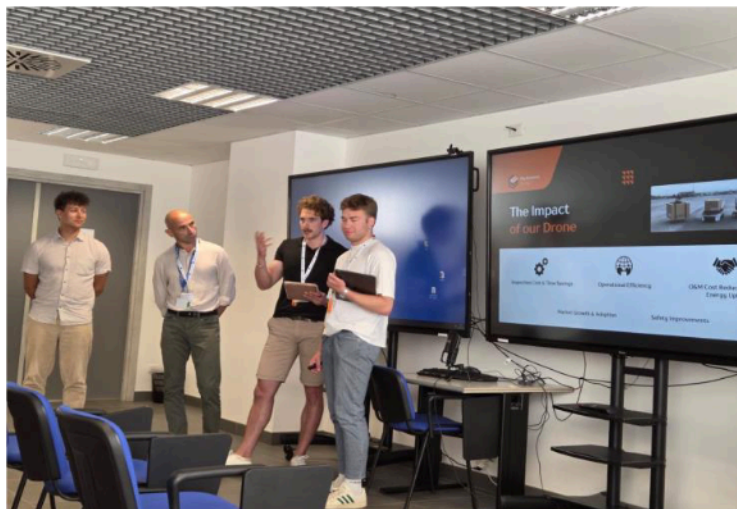
- Niccolò Cusano University
- University of Nova Gorica
- Universidad de Córdoba
- Mediterranean University of Albania
- Mittweida University of Applied Sciences
- Silesian University of Technology
- University of Tuscia

Glavne obravnavane teme

1. Osnove AI in IoT za pametne merilne sisteme
2. Zdravstvene aplikacije AI-izboljšane IoT sisteme
3. Energetske aplikacije inteligentnih sistemov za spremljanje in optimizacijo
4. Orodja in praktično prototipiranje za AI + IoT merilne rešitve
5. Etika, regulacija in prihodnje perspektive v AI in IoT

Main Topics Covered

1. *AI and IoT Foundations for Smart Measurement Systems*
2. *Health Applications of AI-Enhanced IoT Systems*
3. *Energy Applications of Intelligent Monitoring and Optimization Systems*
4. *Tools and Practical Prototyping for AI + IoT Measurement Solutions*
5. *Ethics, Regulation, and Future Perspectives in AI and IoT*



Skupina študentov med predstavitvijo projekta