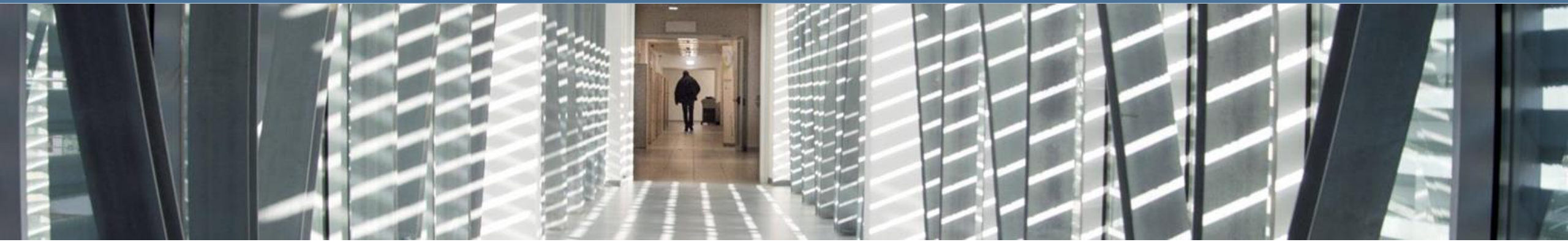
UNIVERSITÀ DI TRENTO

DEPARTMENT OF

INFORMATION ENGINEERING AND COMPUTER SCIENCE



LM Information Engineering

LM Ingegneria dell'Informazione

Responsabile CdS: Giulia Boato giulia.boato@unitn.it

AY/AA 2026/2027

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UNIVERSITÀ DI TRENTO
Dipartimento di Ingegneria e Scienza dell'Informazione

LM Information Engineering

Design Complex Systems. Drive Smart Innovation.

You will learn to:

- Conceive, design, and manage **complex systems**
- Work across disciplines with a **broad engineering skill set**
- **Master advanced methods** for signals and data
- Develop and manage **intelligent systems**
- **Understand system limits** and critical issues
- Turn innovation into **real-world impact**



UniTrentoDISI YouTube - Presentation of the Master's Degree in Information Engineering

LM Information Engineering – innovative teaching paradigms

Real Skills. Real Challenges. Your Future.

- **Turn theory into practice** through lectures and lab activities

  Laboratories where students meet researchers: electronics multisensory interaction - sensing technologies - wave lab - networking and security - IoT testbed

- Work on **real-world projects** and **challenge-based learning**
- **Connect with companies** through seminars, internships, and collaborations
- Not only hard skills: develop the **soft skills** needed for a successful career



Soft Skills in Action



XR Meets Basketball

LM Information Engineering – training paths

- Mandatory (36+6 CFU)
- Specialization (30 CFU)
- Free Choice (18 CFU)
- Internship and Thesis (30 CFU)

LM Information Engineering – training paths

- Digital Signal Processing (12 CFU)
- Engineering Programmable and Sustainable Networks (12 CFU)
- Recognition Systems (12 CFU)
- Innovation and Business in ICT (or Industry Challenges) (6 CFU)

Mandatory (42 CFU)



Mandatory (36+6 CFU)

Specialization (30 CFU)

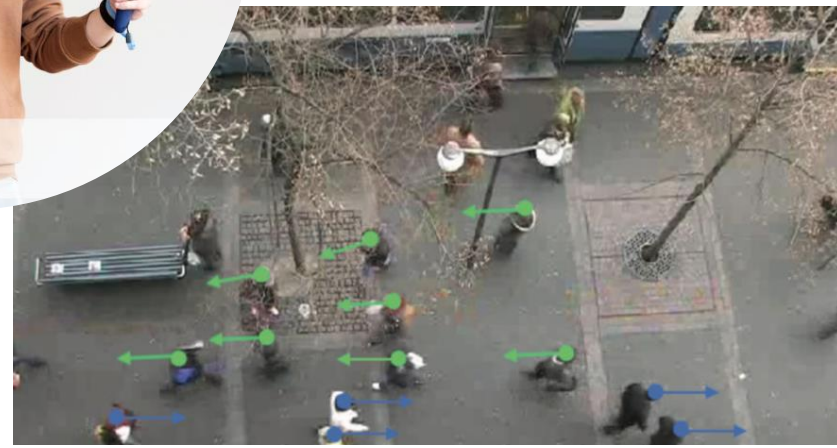
Free Choice (18 CFU)

Internship and Thesis (30 CFU)

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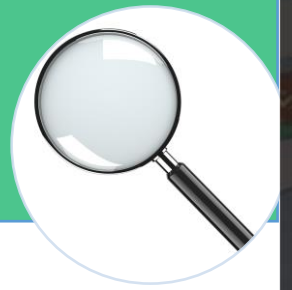
LM Information Engineering

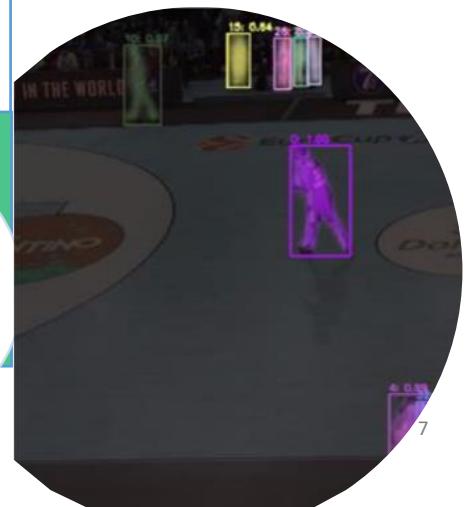


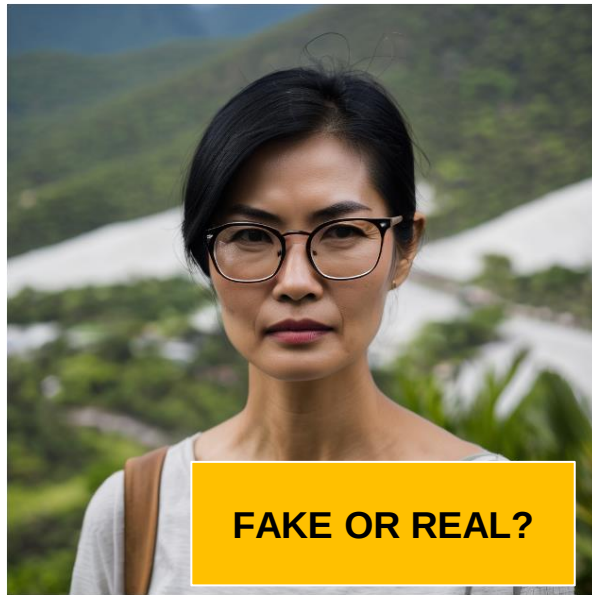


- ***Computer Vision (6 CFU)***
- ***Deepfake Detection and Multimedia Security (6 CFU)***
- Computer Graphics *(6 CFU)*
- Deep Learning (6 CFU)
- Distributed Systems *(6 CFU)*
- Service Design and Engineering *(6 CFU)*
- Cloud Computing Technologies *(6 CFU)*
- Immersive Technologies (6 CFU)
- Advanced HCI *(6 CFU)*

Specialization **Computer Engineering** (30 CFU)

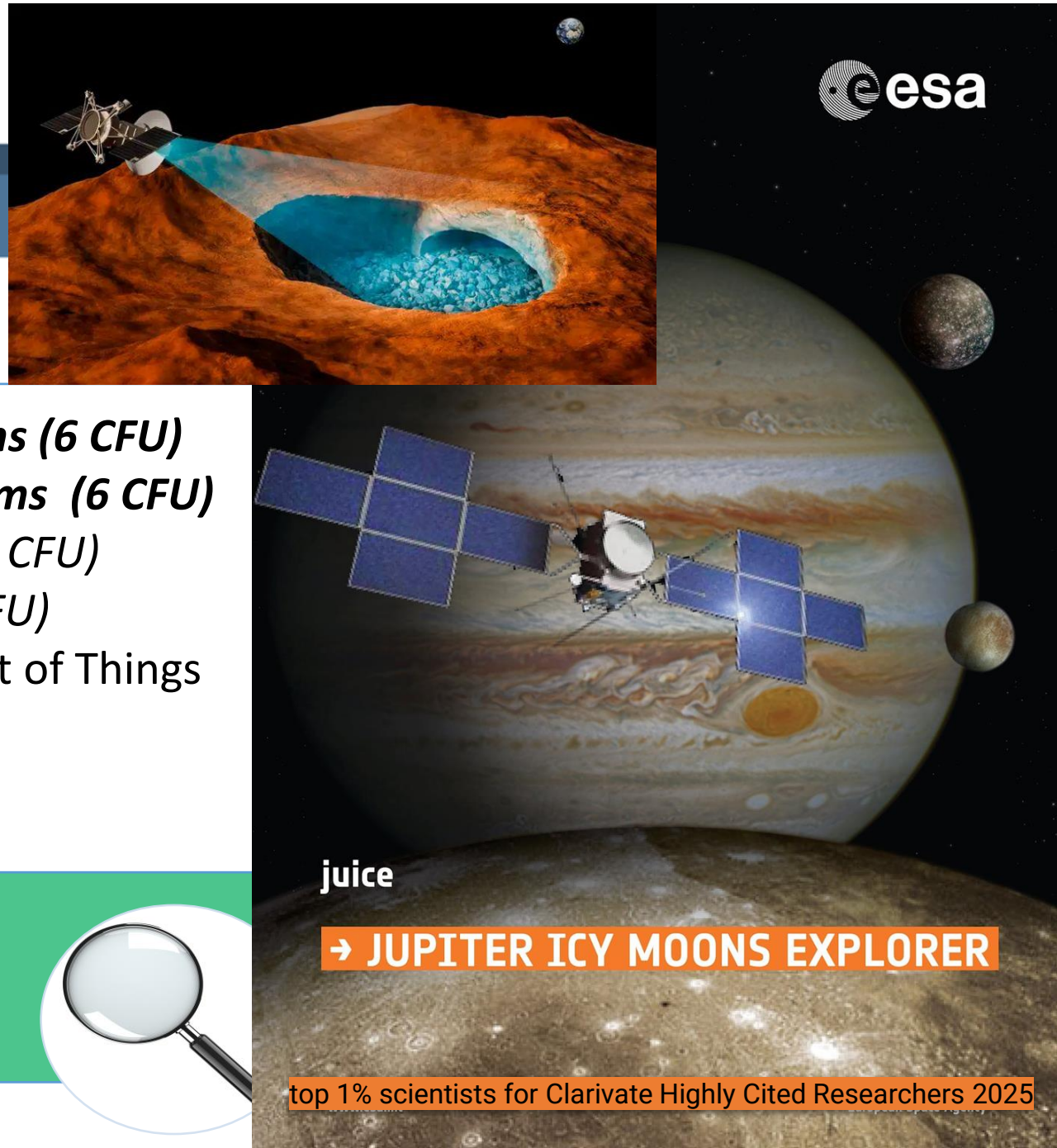






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- ***Radar Systems for Earth and Space Applications (6 CFU)***
- ***Simulation and evaluation of networked systems (6 CFU)***
- Mobile and satellite communication systems *(6 CFU)*
- Sensing Technologies and Data Processing *(6 CFU)*
- Low-power wireless networking for the Internet of Things *(6 CFU)*
- Wireless Networking and Localization *(6 CFU)*

Specialization **Space & Networks** (30 CFU)

top 1% scientists for Clarivate Highly Cited Researchers 2025

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LM Information Engineering



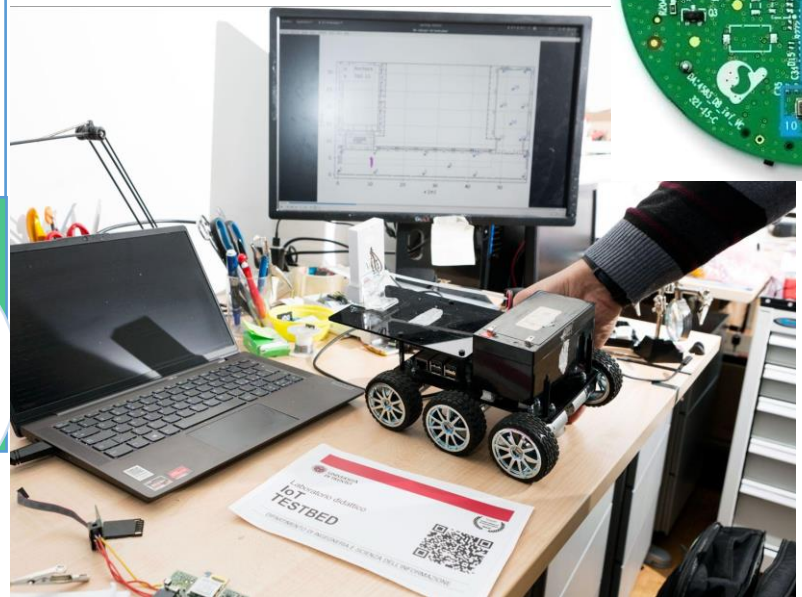


- ***Analog Electronic Systems (6 CFU)***
- ***Low-power wireless networking for IoT (6 CFU)***
- GPU Computing *(6 CFU)*
- Advanced computing architectures *(6 CFU)*
- High Performance Computing *(6 CFU)*
- Low-Power and Intelligent Embedded Systems *(6 CFU)*
- Microelectronic devices, sensors and MEMS *(6 CFU)*
- Laboratory of Advanced Electronics (6 CFU)



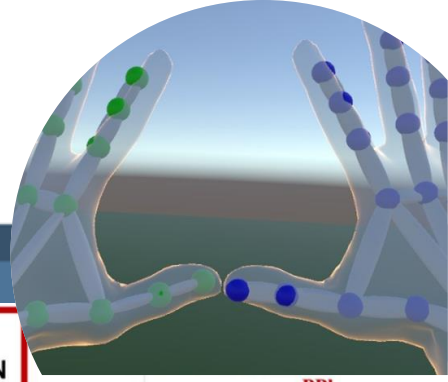
Specialization **Electronic and Computing Systems** (30 CFU)





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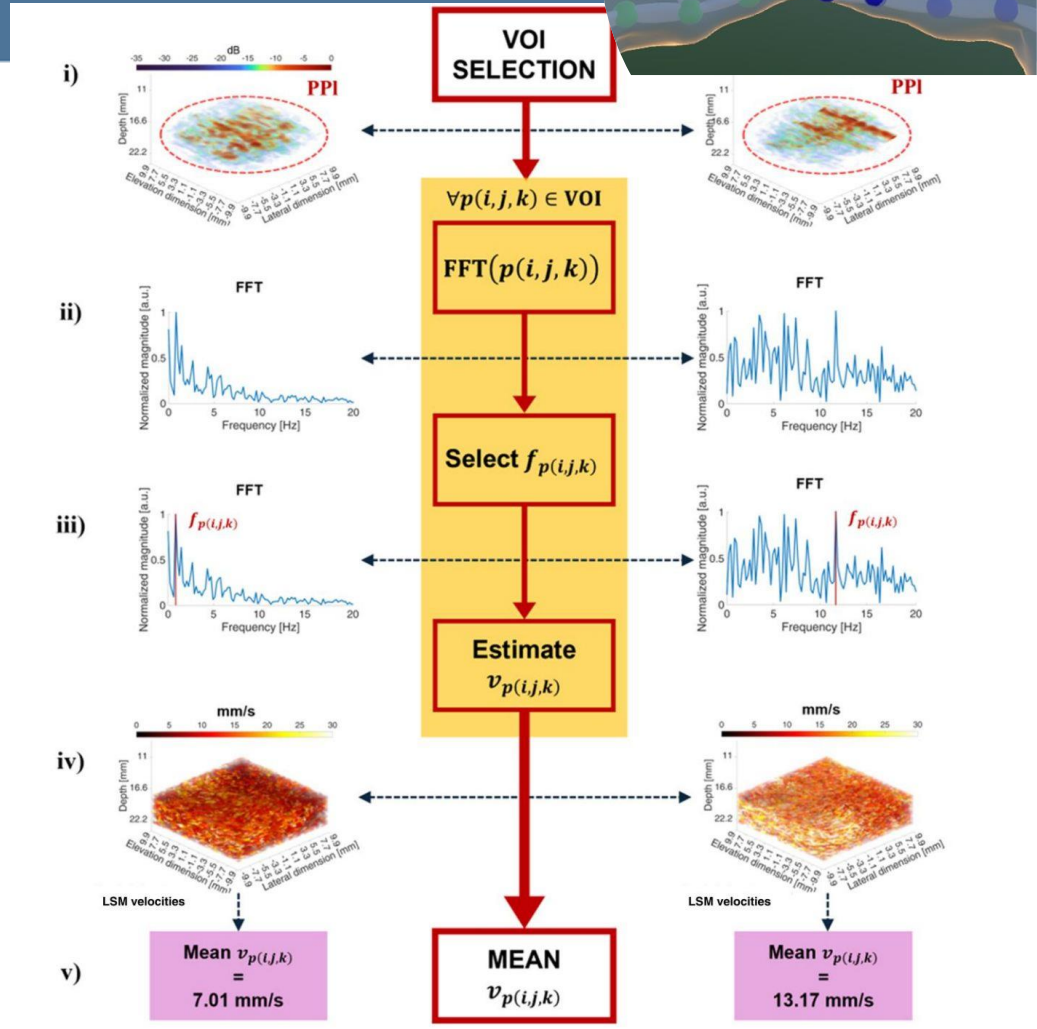
LM Information Engineering



- ***Fundamentals of Biomedical Imaging (12 CFU)***
- ***Ultrasound Medical Imaging (6 CFU)***
- Digital Health Systems *(6 CFU)*
- Robotics for Biomedical Engineering *(6 CFU)*
- Digital Epidemiology *(6 CFU)*
- Sport Tech *(6 CFU)*

Specialization **Biomedical Engineering** (30 CFU)





LUMI (ERC project) investigates ultrasound interaction with pulmonary tissue to improve lung disease diagnosis and monitoring

LM Information Engineering

- All courses offered by DISI accepted with no problems
- Courses offered by other departments needs a justification and are subject to approval by the CdS responsible
- Possible suggestions: keep all courses in your specialization or select a "secondary specialization" with 3 courses

Free Choice (18 CFU)



Mandatory (36+6 CFU)

Specialization (30 CFU)

Free Choice (18 CFU)

Internship and Thesis (30 CFU)

LM Information Engineering – employment opportunities



Excellent employability outcomes:
92% employed after 1 year
97% after 5 years
salaries above the national average

The **Director of CNIT** (National Inter-University Consortium for Telecommunications): "Today, telecommunications offer outstanding career opportunities, with **demand for qualified professionals far exceeding supply in Italy and across Europe**."



UNIVERSITÀ DI TRENTO | Dipartimento di Ingegneria e Scienza dell'Informazione

Begin Your Journey



Admission Requirements

A Bachelor degree (ICE, or other) that matches specific academic requirements, including a minimum upper-intermediate level of English (Level B2).



Visit the Official Program Webpage
https://corsi.unitn.it/en/information-engineering

Useful Links
https://www.disi.unitn.it/eit-digital



Enrollment Information

EU Citizens: No limited enrollment.

Non-EU Citizens: Limited enrollment, with 4 grants available.