A network of technology platforms devoted to training and research in micro and nanotechnology

Hosting each year:

1750 students from 77 national training tracks and
200 researchers from 19 laboratories for more than 141,600 hours

Pooling facilities
Supporting innovation in education and science
Sharing knowledge
Relating business

Degree-level education
Research-focused training
Professional development
Technical support for business
A network of 8 platforms

**Clean room**
750 m² class 100 and 10
IC and MEMS manufacturing technology

**Characterization**
Electrical characterization of integrated electronic devices

**Nanoworld**
Near field microscopy : AFM, EFM, MFM and STM

**Design and test**
VLSI CAD software (Cadence, Mentor Graphics, Synopsys...), prototyping of digital architectures (Altera, Xilinx), hardware and software testing facilities

**Smart devices**
Smart devices and embedded Systems on Chip (Soc)

**Hyperfrequency, optoelectronics and guided optics**
Radio and microwaves measurements, telecommunication systems and guided optics

**Biotechnologies**
Cell and molecular biology, DNA grafting and hybridizing, biochips

**Microsystems and sensors**
Energy microsources, micro sensors, micro actuators