MINATO Summer School 2024

Do you wish to develop your knowledge in Micro and Nano-fabrication tools or Nanotechnology, while traveling the world, discovering French “art de vivre”, and meeting new people from different cultural backgrounds?

In the south of France, you will study within a high-ranking French engineering institute, INSA TOULOUSE, and have the chance to fabricate your own device in clean room and research facilities.

Micro and Nano technologies are nowadays “Key Enabling Technologies” for innovating applied science and fundamental research in numerous experimental field. Get micro-nano fabrication skills thanks to MINATO, with a unique hands-on interdisciplinary teaching method approach mainly based on Lab Work (> 50% of time) in a clean room.

Dates:
June 24, to July 5, 2024 or June 24, to July 19, 2024.

Earn ECTS credits:
5 for 2 weeks
10 for 4 weeks.

https://www.aime-toulouse.fr/summer-school-minato/
Design your own summer school program! Pick one track for 2 weeks summer school and two tracks for 4 weeks summer school.

**TRACK 1**
Microelectronics
MOS (metal-oxide-semiconductor) technology

**TRACK 2**
Energy
Integrated energy harvesting and storage technologies

**TRACK 3**
Nano chemistry
Chemical sensors based on nano-objects

**TRACK 4**
Nano physics
Remarkable properties of devices integrating 2D materials

**TRACK 5**
Quantum technology
Ultrasensitive Sensors and quantum cryptography

Only for 4 weeks program.

and a compulsory track: French Culture and Language.

Activities: Guided tour in World heritage sites by UNESCO (Carcassonne, ..) and typical French cities; Visit of [AIRBUS](https://www.airbus.com) facilities, CNRS Laboratories; Typical French food ; 14th of July celebration...

Who can apply: All Science and Engineering students with undergraduate or graduate level (≥ bachelor of science in mathematics, physics, chemistry, materials, electronics) including PhD students. Preliminary entry-level on-line courses refreshing the required topics provided.

Fees: # full cost - 2950 € for 2 weeks or 4750 € for 4 weeks program, (accommodation, lunch, social events, and visits included).
# discount - 2100 € for 2 weeks or 3100 € for 4 weeks program, for INSA Toulouse partner universities.

Application deadline: 22/04/2024

More information: Detailed program, practical information and the registration link : [https://www.aime-toulouse.fr/summer-school-minato/](https://www.aime-toulouse.fr/summer-school-minato/)