

## OBJECTIVES

- Discover the cleanroom environment and its specificities
- Get a practical knowledge of the main processes for microdevice fabrication, and their implementation

## TARGETED AUDIENCE & PREREQUISITES

Anyone wishing to be aware of the cleanroom environment and the technologies. No prerequisites

## PROGRAM



### General introduction to the cleanroom environment

- Specificities of cleanroom environment
- Different classes of cleanrooms
- Gowning procedure
- Visit of technical facilities to maintain cleanroom environment: air treatment and water treatment



### Microfabrication technologies in cleanrooms

- Definitions and theory
- Practical work inside the cleanrooms, implementation of the following microfabrication processes :
  - Thin film deposition by sputtering
  - Photolithography (single-side)
  - Wet etching or lift-off

Short ongoing training session

## DISCOVERY OF CLEANROOM TECHNOLOGIES

### DURATION

1 day (7h)

### LOCATION

Noisy-le-Grand (93)  
FRANCE

### PUBLIC RATE

1300 €

### CONTACT

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## CUSTOMER BENEFITS



More than 30 years of experience and innovation for academic and industrial MEMS field



High ratio of practice (~70%) vs. theory



Up-to-date ISO 5 and ISO 7 cleanrooms on 650 sq-meter, opened in 2017



Located on a dynamic campus with high-tech platforms, quick and easy access from Paris center



Coffee-break and lunch in a private lounge included



**ESIEE**  
PARIS