



CONFÉRENCES ET VISITES

CONFERENCES AND VISITS

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| Lecturers : 20 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

Objectives

The objective is to make students discover the numerous possibilities of jobs linked to the bio-engineering and nanotechnologies fields. The different thematics will be presented in the form of seminars and conferences by researchers and professionals in these fields. Visits of industrial sites (STMicroelectronic, Sanofi-Pasteur, Becton-Dickinson) and research centers (CEA-LETI, CEA-INES, Synchrotron ESRF) will be also organized.

Keywords : Bio-engineering, nanotechnologies, jobs, conferences, visits.

Programme

- Challenges of medical imaging techniques
- Damage to prostheses
- Big-data and genomics
- Large-scale data processing
- The AURA industrial fabric in bioengineering and nanotechnologies
- Clinical trials in silico

Learning outcomes

- Identify/analyze the needs and social-economics constraints linked to health and nanotechnologies.
- Take into account the international dimension of research in bio- and nanotechnologies.
- Adopt a global vision and apprehend the field into its complexity.
- Enlarge scientific and technical knowledge.

Independent study

Objectifs : This activity is not concerned with framed autonomy activities outside personal work.

Méthodes : This activity is not concerned with framed autonomy activities outside personal work.

Core texts

Assessment

100% for participation.