



**ILV**

**Institut Lavoisier  
de Versailles**



**EPI**



## Research areas

The EPI group's research activities bring together cross-disciplinary and complementary skills, centered on interfaces (semiconductor/semiconductor, metal/semiconductor or metal/metal...). The various research themes are grouped under the two headings below:

- » Interfaces and devices
- » Interfaces and methodologies
- » Electron Spectroscopy

# ELECTROCHEMISTRY

- Photoelectrochemistry
- Passivation
- Electrodeposition
- Fonctionnalisation

# PHYSICOCHEMISTRY

- Selective etching
- Accelerated aging
- Chemical engineering
- Molecular grafting



## Optoelectron

These research activities are strongly linked to the fields of energy (PV) and opto- and micro-electronics. The group is supported by the Centre d'Etude et de Formation en Spectroscopies Electroniques de Surfaces (CEFS2), and has a strong commitment to openness. It is involved in various academic and industrial collaborations, and in a strong partnership with IPVF. The center is also very active in training, both at university and

professional level (cnrs formation, summer school).

## Group Members

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The EPI group, headed by Anne-Marie Gonçalves, comprises 7 permanent staff. A dozen PhD students, post-docs and ATERs complete the team.

### **Permanent**

Damien Aureau (CR), Solène Béchu (CR), Muriel Bouttemy (IR), Mathieu Frégnaux (IR), Anne-Marie Gonçalves (PR), Nathalie Simon (PR), Silvia Voci (MCF), Arnaud Etcheberry (DR, Emeritus)

### **Non-permanent**

*Postdoctorants:* Mirella Al-Katrib, Javid Hajhemati

*ATER:* Siwar Jebril

*Engineer (CDD):* Lotfi B. Karroubi

*Doctoral students:* Rosinel Alfonzo, Antonin Frappeau, Anna Gagliardi, Margaux Le Coq, Gianluca Visagli