

FAVE Claire (born 1975), CNRS Senior Researcher Sorbonne University, Member of eMOCA team at IPCM (Institut Parisien de Chimie Moléculaire), UMR CNRS 8232
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Education:

- Habilitation at University Paris Diderot (Oct 2016).
- Postdoctoral position in University of Ulm, Germany (2004)
- PhD Thesis «Université de Rennes 1», Chemistry Department (2000 - 2003)

Bibliometric data:

- 58 international publications (number of citations: 2800), 2 patent, 1 book chapter
- 40 conferences or invited seminar (national and international)
- Direction or co-direction of 12 PhD theses, 10 post-doc associates
- H factor: 27

Funding since 5 years:

- ANR PRC ElectroHIP Partenaire (2023-2026) (**co-leader**).
- ANR PRC GOAL (2023-2027) (**co-leader**)
- Contrat Collaboration de Recherche with Linxens Company. Thèse Cifre. (2023-2026) (**leader**)
- European Project: ITN MIEL (2023-2027) (**co-leader**)
- ANR PRCE EFlox (2021-2024) (**co-leader**)
- IDEX EMERGENCE Université de Paris (2021-2022) (**leader**)
- PHC Procope (2020-2021) (**leader**)
- Contrat Maturation Université de Paris (2020-2021) (**leader**)
- Collaboration with the start-up Innoverda (2018-) (**co-leader**)
- DAAD Fellowship (2018) (**leader**)
- Infiniti CNRS multidisciplinaires (2017 and 2018) (**co-leader**)
- LabEx MICHEM (2016, PhD position) (**member**)
- ANR ECLOCK (2016-2020) (**member**)

Past Responsibility :

- Group Leader, team ELIAS, LEM UMR CNRS 7591, UPCité
- Equality representative for Science Faculty, UPCité
- Equality representative for college of Doctoral School, UPCité
- Board Member Chemistry Department Council
- Responsible Master Internship Committee

Present Responsibility :

- Board Member (Secretary), Supramolecular Group, Société Chimique de France
- Codirectrice GDR sigma hole

Expertise :

- Board Member ANR (Research, National Agency)
- Referee for international article (Langmuir, Electrochimia Acta, Nature Comm...)

Recent key scientific results:

- Electrochemical activation and detection of Halogen bond in solution and on surface
- Catalysis activity triggering by electrochemical XB activation
- Electrosynthesis
- Activation of small molecules (O₂, CO₂), spectroscopic and mechanistic studies