

Dr. Sylvie Chardon

CNRS Director of Research (CoNRS Section13)

Phone : +33 (0)4 76 51 44 36      E-mail : [sylvie.chardon@ujf-grenoble.fr](mailto:sylvie.chardon@ujf-grenoble.fr)

### ***Areas of expertise - Keywords***

Molecular electrochemistry; coordination chemistry; redox polymers containing metal-metal bonds; electro and photo redox catalysis; catalytic activation and valorization of CO<sub>2</sub>; modified electrochemical interfaces; molecular wires

### ***Research topics***

***Development of effective and efficient artificial systems capable of converting CO<sub>2</sub> in the presence of water (proton source) in useful chemicals or in energy rich products***

### **Short CV**

#### *Professional career*

Since 2009: CNRS Director of Research at DCM at the Joseph Fourier University

1991-2009: CNRS Researcher

1990: Post-doctoral position at CEA, Molecular Electrochemistry Lab, Grenoble

#### *University degrees and diplomas*

1996: HDR in Chemistry, Joseph Fourier University, Grenoble

1989: PhD thesis, Louis Pasteur University, Strasbourg, Dir.: Dr. J.-P. Sauvage

#### *Scientific production*

- 59 refereed international publications
- 1 guest review and 1 book chapter
- 5 patents
- 25 invited talks and seminars
- 51 oral communications at conferences

#### *Management – Supervision*

Since 2012 in charge of the thematic group "activation/valorization of CO<sub>2</sub>"

- PhD: supervisor of 4 and co-supervisor of 4
- Direction of 12 post-doctorates 11 Master2 and 8 Master1

#### *Present Research Administration*

- Member of the DCM Board
- Member of the Scientific Advisory Board and expert assessor of ARCANÉ LABORATORIES of EXcellence (LABEX): bio-inspired chemistry and bio-targeted chemistry (<http://www.labex-arcane.fr>)
- Member of the Scientific Board of Electrochemistry Days conference (Journées d'Electrochimie)
- Member of the Steering Committee of the UMEC CNRS Network