

Florian Lhostis (PhD Student)

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RESEARCH INTERESTS

- Electrocatalysis
- Nanomaterials
- Surface modification
- Heterogeneous catalysis
- CO₂ valorization

SUMMARY

Currently working on a Veolia-funded project on developing robust selective electrocatalysts for CO₂ reduction to formic acid, and coupling CO₂ electroreduction with *in situ* thermocatalytic conversion of formic acid (in collaboration with CEA Saclay).

EDUCATIONAL BACKGROUND

2021: M.Sc in Chemistry, Materials Chemistry Major, *National Graduate School of Chemistry of Montpellier (ENSCM)*

2021: Master's degree (double degree) in Materials Chemistry, *University of Montpellier*

2019: Bachelor's degree, General Chemistry Major, *National Graduate School of Chemistry of Montpellier (ENSCM)*

PREVIOUS RESEARCH ACTIVITIES

2021: 6-month internship at Charles Gerhardt Institute of Montpellier and CIRAD (French agricultural research and international cooperation organization), Montpellier: "Valorization of spent coffee grounds into highly porous carbon materials for catalysis and CO₂ capture"