



CORENTIN ARCHIMBAUD

PHD STUDENT AT IFPEN

PERSONNAL PROFILE

After finishing my studies as a chemical engineer specialized in organic chemistry with a Master in Sustainable organic chemistry, I am currently doing a PhD at IFPEN intitiled : Glycolysis of polyester waste (PET) : Inherited species catalytic activity.

WORK EXPERIENCE

IFPEN

SINCE NOVEMBER 2023

- Homogeneous catalysis
- Chemical Engineering
- Modelisation for processing purpose

Adrien Mekki-Berrada : adrien.mekki-berrada@ifpen.fr

Damien Hudebine : damien.hudebine@ifpen.fr

URD ABI (CEBB)

6 MONTHS IN 2023 (REIMS, FRANCE)

- Synthesis of monomers
- Polymerization (CROP)
- Green chemistry

Sami FADLALLAH: sami.fadlallah@agroparistech.fr

Florent Allais: florent.allais@agroparistech.fr

University of Hasselt (UHasselt)

14 WEEKS IN 2022 (HASSELT, BELGIUM)

- Synthesis of HOIP materials
- Characterization of new materials (XDR, IR, UV-Vis)
- Glovbox uses and anhydrous conditions

Dirk VANDERZANDE: dirk.vanderzande@uhasselt.be

EDUCATION

2022-2023 Amiens, France: Chemistry Unversity (UPJV)

- Sustainable Chemistry, ANR Project management

2020-2022 Compiègne, France: Engineering School (ESCOM)

- Engineering sciences, Prosses engineering, Material chemistry, Project Management, Laboratory Project

2018-2020 Compiègne, France: Preparatory Class (ESCOM)

- Mathematics, Physics, Organic chemistry, Crystallography, Coordination Chemistry, Formulation, Laboraty

2018 Bourges, France: A level in Sciences with distinction

(Lycée Sainte-Marie de Bourges)

HOBBY

Golfing, Sailing, Climbing, Guitare

ASSOCIATIONS

Bureau du carbone (Chemistry association)

CO-PRESIDENT

FROM 2020 TO 2022 (COMPIÈGNE, FRANCE)

- Organization of conference about research in chemistry
- Scientific experiments for the general public
- Creation of our own research project
- Partnership with Technological University of Compiègne (UTC) on a spaceship project

Student council

CO-TREASURER

FROM 2021 TO 2022 (COMPIÈGNE, FRANCE)

- Responsible for the organization of the school gala welcoming 300 people
- Es'cordées: Project of helping pupils with their classes and homeworks
- Quand esco'mange (QEM): Project of helping students of ESCOM to eat healthier by preparing a vegetable basket

SKILLS

- Organic synthesis
- Polymerization
- Characterization (NMR, IR, TGA, DSC, DRX)
- Green Chemistry
- Curiosity
- Empathy

LANGUAGES

French: native

English: 930 points TOEIC

German: B2

PERSONAL DETAILS



+33 6 86 60 37 28



Corentin Archimbaud



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Driver license and
vehicle owner