PAUL SAUVAGEOT

PhD candidate in analytical chemistry

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PROFESSIONAL EXPERIENCES

Analytical Chemistry PhD Student

IFP Energies nouvelles
Université Claude Bernard Lyon 1 - Graz University (T.E.S.L.A. unit)

📅 Oct 2023 – Oct 2026 📍 Solaize, France | Graz, Austria

- Identification and universal quantification of poly and per-fluorinated alkyl substances (PFAS) in plastic wastes and recycled plastics
- Collaborative work on a research project involving several disciplines in molecular (LC-HRMS) and elemental analysis (CIC, ICP-MS/MS)
- Development of a multi-technique analytical strategy (extraction: ASE, SFE, UAE)

Analytical Chemistry Intern (Engineer) R&I, Advanced Research

L'Oréal - world leader in the cosmetics industry @ alexis.dubuis@loreal.com

📅 March 2023 – Aug 2023 📍 Aulnay-sous-bois, France

- On-line 2D-LC characterization of natural resins
- Collaborative work on a research project involving several disciplines
- Reflection on a multi-technique analytical strategy

Analytical Chemistry Intern (Engineering Student) R&D, ASG lab

AkzoNobel - world leader in paint production

📅 Sept 2021 – Aug 2022 📍 Sassenheim, the Netherlands

- Study on the adaptability of Headspace sampling to the analysis of polymeric coatings by GC-MS, GC-FID, LC-MS and LC-UV-vis, implementation of a DOE
- Routine analysis on UPLC, LC-MS, GC-MS, GC-FID, GPC, UV-vis

ACADEMIC BACKGROUNDS

PhD studies

IFP Energies nouvelles
Université Claude Bernard Lyon 1 - Graz University (T.E.S.L.A. unit)

📅 Oct 2023 Oct 2026 📍 Solaize, France | Graz, Austria

- Trained to research ethic and open science
- Trained on scientific communication skills (scientific writings and oral communications)
- Introduction to the socio-economic challenges of energy sources in the future

Master's studies in Analysis and Control, Research (Physical-Chemical Analysis)

Claude Bernard Lyon 1 University (double diploma)

📅 Sep 2022 – Sep 2023 📍 Lyon, France

- Advanced separative methods
- Analysis of complex samples (sample preparation techniques)

Engineering School, Chemistry and Process Engineering

CPE Lyon

📅 Sep 2019 – Nov 2023 📍 Lyon, France

- Specialization: Analysis strategies | Advanced separative techniques and speciation
- Scientific project: Extraction, filtration and clarification methods applicable to brain micro-samples (Lyon Neuroscience Research Center)
- Organic Chemistry Projects, Business Creation Project, Innovation Project

PROFILE

PhD candidate, graduate engineer with a Master's degree in analytical chemistry. Experience in LC/GC, MS, CIC, and ICP-MS/MS.

- Team spirit and autonomy
- Eager to learn
- Sample preparation & analytical method development/optimization
- Effective communication skills
- A and B driving licences holder

SKILLS

HPLC | UPLC   SFC   2D-LC
MS | HRMS   ICP-MS/MS   CIC
ASE   SFE   UAE

MS Office   Matlab   Python

LANGUAGES

French, Native language ● ● ● ● ●
English, C1+ Cambridge ● ● ● ● ○

DIPLOMAS

🏆 **Master degree and engineering diploma**
Obtained in 2023

💙 **PSE1**
First-Aid in Team

💙 **BNSSA**
National Aquatic Surveillance and Rescue Certificate

CONTRIBUTIONS

- European Winter Conference on Plasma Spectrochemistry, Berlin (oral communication)

INTERESTS

- Swimming club for 13 years (6 in competitions), 1 year water polo
- Squash 2 years, official referee
- Music 9 years of piano and musical studies, 5 years in orchestra
- School-associations active member