

Benoit Boussand

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Education

- **2025–2028**: PhD in Physical Chemistry
Thesis: *Removing Synthetic Microfibers from Wastewater Using Bubbles*
IFP Energies nouvelles & Institut Lumière Matière (ILM) - University Lyon 1
- **2023–2025**: Master's degree in Ocean, Atmosphere and Climate Sciences - Atmosphere track
University Lyon 1 & École Centrale de Lyon
- **2020–2023**: Bachelor's degree in Physics and Chemistry – University Lyon 1
- **2018–2020**: University Diploma in Mechanical Engineering and Production – University Lyon 1

Academic projects & internships

- **April–September 2025**: M2 Research internship – Characterization of plastic microfiber attachment to bubbles for wastewater treatment – Institut Lumière Matière (ILM), University Lyon 1
- **September 2024–March 2025**: M2 Project – Monitoring surface cooling using polarimetry
- **April–June 2024**: M1 Research internship – Influence of marine microbiology on the ice-nucleating properties of water in the Southern Ocean (Polar Change campaign) – Laboratoire de Météorologie Physique (LaMP), University Clermont Auvergne
- **January–April 2024**: M1 Numerical project – Study of energy fluxes at the top of the atmosphere
- **January–April 2023**: L3 Literature review project – The physics behind thunderstorm formation
- **January–April 2021**: L1 Project – Laws of dynamics using a smartphone
- **2020**: Final DUT project – Project management, design and manufacturing

Professional experience

- **July–August 2024**: Pricing Marketing Assistant – BOBST (temporary worker through Adecco): data processing and classification
- **June–August 2023**: Production Assistant – Groupe Sotis (temporary worker through ManPower): HSE monitoring, data entry, filing and office tasks
- **June–August 2021–2022**: Production line temporary worker – Ergalis
- **June–July 2020**: After-school activity leader – Nandax Municipality

Volunteering activities

- **Since 2024:** Communication Manager – Festi FanF’Art, Pouilly-sous-Charlieu
- **Since 2022:** Vice-President – Avenir Musical de Pouilly-sous-Charlieu
- **Since 2021:** Director – Music School – Avenir Musical de Pouilly-sous-Charlieu
- **Since 2014:** Volunteer Music Teacher – Music School – Avenir Musical de Pouilly-sous-Charlieu

Skills

- IT skills: Python, L^AT_EX, Office Suite
- Methods: Scientific writing, project management, experimental measurements
- Languages: French (native), English (B2)

Interests

- Music: clarinet, baritone saxophone, baritone tuba, musical arrangements, musical conducting
- Hobbies: hiking, cooking, reading