

Vacancy Postdoctoral Researcher – Noel Research Group

The laboratory for Micro Flow Chemistry & Synthetic Methodology at Eindhoven University of Technology has one vacancy for a postdoctoral researcher. The group is headed by Dr. Timothy Noël (www.NoelResearchGroup.com, @NoelGroupTUE, t.noel@tue.nl).

The work will comprise the development of an efficient synthesis route, which includes a key photochemical step. This photochemical step requires a careful process optimization in a flow microreactor. The position is sponsored by a chemical company and there will be an intense collaboration with researchers from the company. The starting date is October 2019 and the contract has a duration of one year (with extension most likely possible).

Profile of the position

- The candidate will work on –amongst other topics– continuous-flow photochemistry and will learn how to convert batch chemistry to flow.
- The candidate will learn how to build his own flow setup and will get an interdisciplinary education.
- The candidate will mentor junior PhD and MSc students
- The candidate will write both patents and scientific publications in collaboration with the company and Dr. Noël.

Profile of the candidate

- We are looking for someone who is truly passionate about science. While a specific expertise is desired (see below), it is for us very important that you love working in the lab and have ambition to achieve the best results possible.
- We are looking for someone who has recently obtained a PhD in synthetic chemistry. Expertise in total synthesis is seen as a strong added value.
- Typical candidates should have a technological mindset (e.g. someone who likes to fix things in the lab, such as pumps, rotavaps or even outside of the lab, e.g. bikes, cars, etc), as the project will be focused on flow chemistry.
- Excellent knowledge, both written and oral, of English.
- A strong publication track record, however, enthusiasm and passion will be higher valued than track record.
- Strong interpersonal, organizational and communication skills are a must.

Selection procedure

1. Send a cover letter (i.e. letter of motivation), CV and three references to t.noel@tue.nl
2. Selected candidates will be invited for a skype interview.
3. The best candidate will be notified after all interviews have been carried out.