

# Internship at ISTA

## Internship at Groups Waitukaitis & Freunberger

### Position Description:

The groups of **Scott Waitukaitis** and **Stefan Freunberger** at the Institute of Science and Technology Austria (ISTA) are looking for an outstanding student to do a *fully paid internship* at the interface of chemistry and physics. The experimental project concerns the transfer of charge during contact between polymer electrolytes, and will require synthesizing and characterizing samples, performing charge-exchange experiments, and helping to develop a mass spectrometry technique to probe the identity of the charge carrying specie(s). More information about the activities of the Waitukaitis and Freunberger groups can be found at the ISTA website (<https://ist.ac.at/home>).

Interested candidates should preferably be a Master's student in chemistry, physics, or materials science, and with some knowledge of polymer synthesis and characterization.

The full application package (see below) should be sent to [caroline.petz@ist.ac.at](mailto:caroline.petz@ist.ac.at), and will be accepted until November 1<sup>st</sup>, 2023. Online and/or in-person interviews will be arranged thereafter. The preferred start date is in fall 2023. If applicable, the host professors are happy to construct this as an internship qualifying for a Master's thesis.

### Your Profile:

- Master's student in chemistry, physics, or materials science
- Familiarity with polymers and polymer synthesis techniques
- Enthusiasm about interdisciplinary research and willingness to learn about new research fields
- Ability to solve problems creatively and carefully
- Ability to work effectively as a member of a research team
- Good knowledge of English (working language)
- Good verbal, written, communication, interpersonal, and organizational skills

**Application Deadline:** Evaluation of applications starts November 1<sup>st</sup>, 2023

**Application documents:** Brief statement describing past research experience and the fit to our research group, contacts of two references.

To submit your application please email: [caroline.petz@ist.ac.at](mailto:caroline.petz@ist.ac.at)