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, and will be accepted until September 1st, 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 September 1st, 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