CUQI Summer Internships – Guideline for Application

The CUQI research initiative sponsors multiple annual summer internships at DTU Compute, related to the overall topic of computational uncertainty quantification for inverse problems, connected with the CUQI project: https://sites.dtu.dk/cuqi

These internships allow master students a unique chance to build on their acquired skills, and to obtain experience with research in computational methods and applications of uncertain quantification to inverse problems in science and engineering.

Internships on other topics than uncertainty quantification for inverse problems will not be supported.

The duration of the internship is 1, 2, or 3 months, starting August 1, 2024. We will sponsor **travel to Denmark**, **travel insurance**, and reasonable **accommodation expenses** near DTU.

We will select applicants based on their application letter, their background, and their motivation for obtaining an internship. Applicants must be enrolled in a Master's or graduate program, be fluent in spoken and written English, and familiar with:

- Numerical analysis, mathematical modeling, and simulation.
- Programming in Python.

Your application must be in the form of a single pdf file, in which you must include:

- Motivation for your interest in the project and possible directions you are interested in.
- Your background (courses, projects, etc.) and how it is relevant to the project.
- Your expectations to a summer internship with CUQI.
- Documentation of your courses and grades.

The deadline for application is **June 1, 2024**.

Send your application to Jakob Sauer Jørgensen, Senior Researcher, jakj@dtu.dk