PhD Position: Electrotomographic Imaging of Two-Phase Flows

Department Chemie- und Bioingenieurwesen (CBI), Erlangen, TV-L E 13, Vollzeit, Befristete Anstellung, Bewerbungsschluss: 15.03.2026

Aufgaben

The aim of the project is to reliably characterise the liquid-gas bubble mixture in pipe flows using electrical impedance tomography (EIT).

[Click here for a detailed description of the project.](#)

Qualifikationen

Notwendige Qualifikationen:

The ideal candidate has the following qualifications:

- Master's degree in physics, mechanical engineering, materials science, computational engineering, computer science (with a strong interest in physics), or related subjects
- Very good programming skills, preferably in C++ and Python
- Skills and experience in data analysis, artificial intelligence, and machine learning

[Click here for information about further beneficial qualifications.](#)

Ergänzende Hinweise

Befristetes Forschungsvorhaben

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