

Materials Science & Engineering Staff Scientist

The Materials Science & Engineering Center at the Department of Biological & Chemical Engineering is looking for a scientist/engineer to oversee the synthetic and analytical laboratories of the unit.

Expected start date and duration of employment

This is a full-time, permanent position with a starting date of 01-08-2026.

Job description

- You will be in charge of managing the synthetic and analytical laboratories at the unit and ensure a safe and smooth operation.
- You will communicate and coordinate with the other lab managers and administrative staff at the Department.
- You will ensure and enforce laboratory safety and occupational health.
- You will ensure that instruments are maintained.
- You will help with procurement of new instrumentation and purchase of consumables.
- You will help with the preparation of standard operating procedures and train new staff and students.
- You operate advanced analytical instrumentation, run experiments, collect, analyse and interpret data.
- You will help with method development and quality protocols.
- You will help with developing and improving materials synthesis.
- You will help with administrative tasks such as accounting and billing in collaboration with the administrative unit.
- You will participate in teaching materials science and engineering and actively engage with students.

You will be involved in scientific communication and outreach activities.

Your profile

- You have a background in materials science and engineering, chemistry, chemical engineering, physics or nanoscience.
- You have a master's or PhD degree in one of the fields.
- You have experience in materials synthesis.
- You have experience in operating analytical instrumentation including, but not restricted to X-ray diffraction, vibrational spectroscopy, NMR, optical spectroscopy, rheology and thermoanalysis as well as data analysis and interpretation.
- You are proactive, structured, hardworking, and solution-oriented
- You have a strong ability to collaborate in a dynamic working environment and interact with many different cultures and professional groups.
- You are proficient in spoken and written Danish and English.

Who we are

The Materials Science & Engineering Center is part of the Department of Biological and Chemical Engineering at Aarhus University, which is a vibrant, collaborative, and international research community.

The newly established center comprises state-of-the-art facilities for materials synthesis and processing together with laboratories hosting a large variety of instruments for materials characterization.

Aarhus University is committed to fostering an inspiring and inclusive work

Application Deadline:
05 June 2026

Institute/Faculty:
Department of
Biological and
Chemical Engineering

Faculty:
Faculty of Technical
Sciences

Academic contact person:
Anja Verena Mudring
Professor
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verena.mudring@bce.a
u.dk

Vacant positions:
1

Hours per week:
37

Expected date of accession:
01/08/2026

environment. Aarhus University offers a wide range of services to support international researchers and their families, including relocation assistance and career counselling for accompanying partners.

What we offer

- a well-developed research infrastructure, laboratories and access to shared equipment
- an exciting interdisciplinary environment with many national, international and industrial collaborators
- a work environment encouraging lively, open and critical discussion
- a work environment with close working relationships, networking and social activities
- a workplace characterised by professionalism, equality and a healthy work-life balance

Place of work and area of employment

The place of work is at Åbogade 40, 8200 Aarhus N and the area of employment is Aarhus University with affiliated institutions.

Contact information

For further information, please contact: Prof. Dr. Anja-Verena Mudring, +4593522798, email: anja-verena.mudring@bce.au.dk.

Deadline

Applications must be received no later than 05-06-2026.

Formalities and salary range

Salary and terms as agreed between the Danish Ministry of Taxation and the Confederation of Professional Unions.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 37,000 students (FTEs) and 8.700 employees and has an annual revenue of EUR 1.106 billion. Learn more at www.international.au.dk/