NTNU
Kunnskap for en bedre verden

Jobbnorge-ID: 83813
Søknadsfrist: Avsluttet
Nettside:
Omfang:
Varighet:

PHD POSITION WITHIN ELECTROCHEMICAL ENERGY STORAGE RESEARCH

There is one available PhD position at the Department of Material Science and Engineering in the field of electrochemical energy storage.

The candidate will be part of a group that works with electrochemical energy storage technologies, with main focus on Li-ion batteries, as well as low temperature fuel cells and electrolysis. The department is well equipped and possesses high competence related to both synthesis and characterization of materials and small scale laboratory cells in this field. The work related to this position will be focused around fabrication and characterization of carbon-based electrodes for Li-ion batteries and supercapacitors, including also characterization by *in-situ* techniques.

The applicant should hold a Master of Science (MSc) degree or similar in electrochemistry or materials science. The candidate should document good competence with respect to carbon materials. Experience from practical laboratory work involving electrochemical and basic materials characterization (like SEM, XRD) is preferred.

Detailed information on our PhD programs is found at:
http://www.ntnu.no/nt/english/phd

The regulations for PhD programs at NTNU state that the applicant must have a master degree or equivalent with at least 5 years of studies and an average grade of A or B within a scale of A-E for passing grades (A best) and C or better on the BSc. Candidates from universities outside Norway are kindly requested to send a Diploma Supplement or a similar document, which describes in detail the study and grade system and the rights for further studies associated with the obtained degree: http://ec.europa.eu/education/policies/rec_qual/recognition/diploma_en.html

Applicants must agree to participate in organized doctoral study programs within the period of the appointment. A contract will be drawn up regarding the period of appointment and work related duties.

The appointment of the PhD will be made according to Norwegian guidelines for universities and university colleges and to the general regulations regarding university employees.

All applicants must be able to communicate fluently in English (in speaking and writing). Applicants must indicate their level of language skills in English and Norwegian.

PhD scholarship recipients are employed for three years in the position. The start salary for the PhD research fellow is set at level 48, NOK 391 100 (before tax) in the Norwegian state salary scale. 2% of the salary will be deducted at source as a mandatory premium to the Norwegian State Pension Fund.

Further information regarding the position can be obtained by contacting Professor/Senior Scientist, Ann Mari Svensson, e-mail: Annmari.svensson@sintef.no, tlf. +47 98230450, or Department manager Arne Petter Ratvik, e-mail: Arne.Ratvik@material.ntnu.no, tlf: +47 73594915.

Information about the department can be found online at: http://www.ntnu.no/materialteknologi/english

The application should contain:

- CV, including list of publications with bibliographical references
- Testimonials and certificates
- A brief description of the candidate's research experience and interests
- Other documents which the applicant would like to present

Applications must be submitted electronically through this page.

The reference number of the position is NT-57/12.

Application deadline is June 6, 2012.

Tilleggsinformasjon

Arbeidssted: