

EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technical and Quality Management

The European Space Agency is an equal opportunity employer and encourages applications from women

POST Energy Storage Engineer in the Energy Storage and Power Laboratory Section, Power Systems Division, Electrical Engineering Department, [Directorate of Technical and Quality Management](#).

This post is classified in the A2/A4 grade band of the Coordinated Organisations' salary scale.

LOCATION ESTEC, Noordwijk (Netherlands).

DUTIES The postholder will report to the Head of the Energy Storage and Power Laboratory Section and will be responsible for technical support to ESA projects as well as preparing, monitoring and guiding work on technology developments in the field of energy storage for space applications.

The main tasks of the post will include, in particular:

- providing specialist support to ESA spacecraft programmes (and other European projects, if required) at all development stages from definition studies to in-flight data analysis, on all aspects of energy storage; this encompasses the performance of analyses, trade-offs and simulations, as required, in order to assess energy storage assembly performance and interactions with the rest of the system;
- providing independent, technical assessment to both project-level and Agency-level system and subsystem reviews;
- defining, managing and evaluating R&D activities with European industry and with academic networks;
- defining, managing and analysing tests carried out in the European Space Battery Test Centre at ESTEC;
- supporting the energy storage technology dossier and roadmap preparation and supporting their harmonisation with European industry, laboratories and national agencies.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in electrochemistry or aerospace engineering and a sound knowledge of battery technology.

Preference will be given to candidates with experience in:

- batteries for space applications;
- battery modelling;
- industrial battery design and development;
- electronics;
- battery mechanical and thermal design.

Applicants should have good interpersonal and communication skills. They should have the ability to work autonomously, effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines.

In addition, candidates should have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

The working languages of the Agency are English and French. A good knowledge of one of these languages is required. Knowledge of another member state language is an asset.

CLOSING DATE

The closing date for applications is **06 May 2014**.

Applications from external candidates for this post should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply online should submit their CV to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply for this post should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](#).

The Agency may require applicants to undergo selection tests.

Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.

Priority will first be given to internal candidates and secondly to external candidates from under-represented member states.

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.