**Research Scientist Position in Materials for Metal-Ion Batteries.**

The Skoltech Center for Electrochemical Energy Storage (CEE), Moscow, Russia has an open full time Research Scientist position in the research group of Professor Artem Abakumov, in the area of Electrochemistry of Metal-Ion Batteries. The appointment is for a period up to 2 years with a possibility for further prolongation.

**Research Areas and Job Description:**

We are seeking a Research Scientist with expertise in electrochemistry and engineering of cells for metal-ion batteries. You will be responsible for developing the cell concept and design employing advanced electrode materials for high-capacity/high-power Li-ion batteries as well as for new generation of post-Li battery cells. The emphasis will be on understanding and optimizing the cell performance for various types of electrodes produced in collaboration with your peers, development of deposition process for large area cell prototypes, optimization of the cell assembling and conducting electrochemical characterization to assess performance of half- and full-cells. Extended practical skills in battery assembling and testing are highly appreciated. Industrial experience is an asset. Skoltech is an international university with English as working language, so good English skills are mandatory.

**Responsibilities**:

* Cell design development targeting maximum electrochemical performance for a given material.
* Optimization of electrode formulation and deposition
* Setting up and operating equipment for cell prototyping
* Publishing your results in peer-reviewed international journals
* Creating and protecting intellectual property

**Qualifications successful candidates will have:**

* PhD degree in Electrochemistry, Chemistry or Material Science
* Solid practical skills in battery assembling and testing
* Minimum of 3 years of working experience in electrochemistry of metal-ion batteries, battery engineering at the cell level and related fields
* Minimum 5 publications in peer-reviewed international journals for last 3 years
* fluent English

**Other desirable qualifications:**

* Experience diffraction and spectroscopic material characterization
* Good knowledge in solid state inorganic chemistry
* Excellent communication and presentation skills
* Strong organization / time management skills
* Demonstrate ability to collaborate with other experts in cross-disciplinary team settings

**How to apply**: Interested candidates should upload their curriculum vitae, publication list, research statement, and reprints of a few selected publications on the Skoltech search web site selecting this vacancy from the list. The deadline for submitting the application is February 28. The selected applicant will receive a highly competitive compensation package (salary commensurate with experience, qualifications and previous publication record, housing allowance in case relocation to Moscow will be needed, medical insurance). Excellent travel and computing support will be provided. Skoltech is committed to diversity and opportunity, and application materials will be considered without regard to the gender, race, or nationality of the applicant.