

Caltech

Postdoctoral Position in Fuel Cell Electrode Fabrication

Division of Chemistry and Chemical Engineering

California Institute of Technology

A postdoctoral position is available in the areas of fuel cell and battery electrode design and fabrication. The initial focus is on depositing nano-structured composite materials using electrospraying and electrospinning techniques. Electrodes constructed from these materials or deposited in situ are integrated with Solid Acid Fuel Cells, targeting improvements in their performance at intermediate temperatures. A motivated experimentalist is sought, who has background in electrochemistry, catalysis, and nano-materials. Experience with fuel cells is a plus, but not essential. However, knowledge of materials and surface characterization techniques are required, such as electron and atomic-force microscopy, Raman spectroscopy, etc. The position is available immediately and will remain open until filled. The initial appointment is for one year, but is renewable depending on performance. The starting salary depends on experience and qualifications.

Applicants should send a CV and details of their qualifications to:

Professor Konstantinos P. Giapis

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