

PhD fellowships



香港科技大學

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

PhD Fellowships and Internships in Mechanical Engineering and Chemical and Biomolecular Engineering at the Hong Kong University of Science and Technology (HKUST).

HKUST is a young, forward-looking, and English-speaking University in the heart of Asia. HKUST's School of Engineering consistently ranks among the top 25 programs in the world (<http://www.ust.hk/eng/about/ranking.htm>).

We are seeking motivated and enthusiastic Research Assistants to join Prof. Ciucci's group at HKUST. The group focuses on **advanced electrochemical devices, such as fuel cells and batteries**, and proposed projects involve the:

1. Development of novel multiscale numerical methods for the study of Partial Differential Equations (PDEs) arising in the study of lithium ion batteries and novel fuel cells,
2. Electrochemical characterization of innovative fuel cell systems.

The ideal candidate should:

- have an excellent track record, i.e., rank in the top 10% of his/her class;
- have a 5 year degree (or BSc + MSc) in engineering, materials science, applied mathematics, or physics;
- be interested in numerical methods for PDEs;
- speak English fluently;
- be highly motivated and have an interest in energy related research.

Regular PhD positions pay a monthly stipend of HK\$ 13500 approximately 1275 EURO. The best applicants will be invited to apply to the Hong Kong PhD Fellowship (<http://www.ust.hk/hkpf/>) which features a stipend of HK\$ 20000 or approximately 1900 EURO, plus other benefits. Please note that housing costs typically do not exceed 200 EURO/month.

Application deadline for spring semester: November 15, 2011.

Other applications will be accepted at any time.

For additional information, please contact:

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