

## **Research Scientist Positions at the Institute of High Performance Computing, Singapore**

The Institute of High Performance Computing (IHPC), a member of the Agency for Science, Technology and Research (A\*STAR) in Singapore, invites applications for eight available positions for research scientists in the field of theoretical and computational mechanics and materials science. These positions are in conjunction with the A\*STAR-sponsored Visiting Investigatorship Program (VIP) led by Prof. Huajian Gao from Brown University who is the Principle Investigator.

Successful candidates will be members of frontier projects on the studies of thin films, nanocrystalline materials, self-assembly of nanoscale materials, and hierarchical and multifunctional materials. They will also have the opportunity to work at Brown University as visiting scholars for an extended period according to research needs.

Specific qualifications are: 1) a Ph.D. or equivalent degree in Mechanics, Materials Science, Physics or a related discipline, 2) demonstrated ability to conduct scholarly research, as evidenced by a thesis or publications in top-tier international journals, and 3) the ability to make clear and effective oral and written presentations of scientific and technical information. Candidates with expertise in theoretical work, and modeling and computation of mechanical behaviors and properties of materials, are specifically encouraged to apply.

IHPC provides an intellectually stimulating environment with key research projects in the domain of computational science and engineering (CSE), for modeling, simulation and visualization of complex scientific and engineering problems across a wide span of industries, including chemical, manufacturing, electronics and precision engineering. For more information about IHPC, please visit our website: [www.ihpc.a-star.edu.sg](http://www.ihpc.a-star.edu.sg)

Our remuneration is globally competitive, with benefits such as comprehensive medical insurance, vacation leave, dental and flexible benefits packages.

An application should include the following items:

- A complete professional CV, including educational background, experience, and a list of publications.
- Names, complete mailing addresses, telephone numbers, and e-mail addresses of three individuals who could provide letters of reference, if requested: unsolicited letters of reference should not be sent.
- Reprints of published papers (or manuscripts).
- A brief statement of research interests (no more than one page).

Please email or fax your applications to the contact address provided below. Applications before June 15<sup>th</sup> 2007, will receive immediate consideration.

HR Department

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