



## Opening of several Research Fellow Positions at IMI in Singapore

### Job Description:

The Institute for Media Innovation (IMI <http://imi.ntu.edu.sg/>) at Nanyang Technological University immediately invites applications for Postdoc positions to work in our leading research new media Institute (IMI) in Singapore, in the following areas:

- a. Cognitive models for interactive virtual humans and social robots. Particular topics of interest are emotions, relationship, memory processes.
- b. Interaction in 3D virtual worlds, groups and crowd simulation.
- c. Physics based simulation of deformable surfaces and volumes, for medical applications.

Researchers will have an opportunity to work in a cutting-edge interactive environment with top equipment as a new immersive room, real-time motion capture and several social robots.

### Eligibility

The position requires a PhD in computer science or a related area. Experience in 3D interactive graphics or social robotics as evidenced by publications and international conferences participation is a must. Strong capacity and commitment to research is mandatory. High expertise in C++ is required, as well as proficiency in Python or other scripting language. Experience developing software in team using source code management (e.g. git) is a plus.

Salaries are competitive and are determined according to the successful applicants' accomplishments, experience and qualifications. Singapore has low income tax and a postdoc is likely to pay a variable income tax of a maximum of 15% (see <http://www.iras.gov.sg/irasHome/page04.aspx?id=1190>).

Please submit the following to [imi-recruitment@ntu.edu.sg](mailto:imi-recruitment@ntu.edu.sg):

- a. Curriculum vitae with photo
- b. A brief research statement and description of past research experience
- c. Two names and contacts of recommendation
- d. Availability date
- e. Salary expectation

Review of applicants will begin immediately and continue until the positions are filled.

NTU (<http://www.ntu.edu.sg>) and IMI (<http://imi.ntu.edu.sg/>) offer vibrant multidisciplinary research environment, both students and faculty members enjoy a host of opportunities for research collaboration with world-leading universities and renowned institutes. There is a strong research culture where innovation and critical enquiry are key features, NTU researchers are immersed in the best of work environment.