



Institute for
Infocomm Research

A*STAR

I²R
Institute for Infocomm Research
Co. Reg. No. 199801638C

1 Fusionopolis Way, #21-01 Connexis
Singapore 138632
Tel: +65 6408 2000 Fax: +65 6776 1378
www.i2r.a-star.edu.sg

Full-time Research Position for R&D Project in Automatic Dialogue Management

A full-time post-doctoral research position is open, for immediate consideration, in the area of automatic dialogue management. The candidate will conduct R&D in “situated human-robot spoken dialogue” research project, which aims at developing, implementing and evaluating novel cognitive learning algorithms and technologies for supporting multilingual spoken human-robot communication.

The ideal candidate must have experience in the areas of machine learning and statistical natural language processing. S/he should be familiar with dialogue management systems, information retrieval, and/or natural language understanding. Knowledge and experience in speech recognition, speech synthesis and/or statistical machine translation is also desirable.

The selected candidate is expected to be a proactive and self-motivated researcher, team-work oriented, and able to propose and generate innovative and original contributions to specific research challenges in the project and research area. S/he is expected to generate high quality publications relevant to the project areas of research but also to deliver useful practical algorithmic implementations for showcasing and demo purposes.

Additionally, the candidate must have demonstrated programming skills and experience working with large datasets, as well as good oral and written communication skills in English. Knowledge of Japanese and/or Mandarin is a plus.

The duration of the appointment is three years, with the possibility of extension for continuing phases of the project.

Interested candidates please send an actualized c.v. to Rafael E. Banchs (rembanchs@i2r.a-star.edu.sg) by October 2011.

About Human Language Technology Department & Institute for Infocomm Research

The Institute for Infocomm Research (I²R pronounced as i-squared-r) is a member of the Agency for Science, Technology and Research (A*STAR) family. Established in 2002, our mission is to be the globally preferred source of innovations in ‘Interactive Secured Information, Content and Services Anytime Anywhere’ through research by passionate people dedicated to Singapore’s economic success. I²R performs R&D in information, communications and media (ICM) technologies to develop holistic solutions across the ICM value chain. Our research capabilities are in information technology, wireless and optical communication networks, interactive and digital media, signal processing and computing. I²R seek to be the infocomm and media value creator that keeps Singapore ahead.

The Human Language Technology (HLT) Department at I²R is a leading international laboratory specializing in speech processing and natural language processing, headed by **Professor Haizhou Li**. HLT Department is the home to many renowned speech scientists and award-winning technologies.