

Media Release

For Immediate Release

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A*STAR'S INSTITUTE FOR INFOCOMM RESEARCH PRINCIPAL SCIENTIST IS CONFERRED 2014 IEEE FELLOWSHIP

Dr. Li Haizhou recognised for achievements in speech and language technology

1. **Singapore, 19 December 2013** - Dr. Li Haizhou, a Principal Scientist from A*STAR's Institute for Infocomm Research (I²R) in Singapore, has been named a Fellow of the Institute of Electrical and Electronics Engineers (IEEE). He is being recognised for his leadership in multilingual, speaker and language recognition research and development. As a pioneer in human language technology for Asian languages, Dr. Li has made outstanding contributions in transforming the interface of mobile applications and breaking down the language barriers for Asian society.
2. The IEEE Grade of Fellow is conferred upon a person with an outstanding record of accomplishments in any of the IEEE fields of interest, and Dr. Li is among the 293 individuals worldwide who have been elevated to Fellow for 2014. This highest grade of membership is recognized by the technical community as a prestigious honour and an important career achievement.
3. Dr. Li is known for his "Bag-of-Sounds" invention for state-of-the art speaker and language recognition technology, and for his technical contributions to many award-winning products and deployments, which include Lernout & Hauspie's Speech-Pen-Keyboard Text Entry Solution for Asian languages (1999), TELEFIQS voice-automated call centre service in Singapore's Changi International Airport (2001), voiceprint engine for Lenovo A586 smartphone (2012), and Baidu Music Search (2013).
4. Dr. Li is currently a Senior Editor of IEEE Transactions on Audio, Speech and Language Processing (2013-2015), a Member of IEEE Speech and Language Processing Technical Committee (2013-2015), the Vice President of the International Speech Communication Association (2013-2014), and the President-Elect of Asia Pacific Signal and Information Processing Association (2013-2014).

5. Dr. Li Haizhou was the recipient of the National Infocomm Awards 2002 in Singapore, Nokia Visiting Professor Award 2009 in Finland, Institute of Engineering Singapore Prestigious Engineering Achievement Award 2013, and the President's Technology Award 2013 in Singapore.

6. "I have an aspiration to develop speech and language technology to improve the quality of life for people. I am glad to see the scientific breakthrough has enabled new products and services and been adopted vastly by the industry. I am proud to be a member of A*STAR and honoured to be named as an IEEE Fellow," said Dr Li Haizhou.

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About Institute for Infocomm Research (I²R)

Singapore's largest ICM research institute, I²R (pronounced as i-squared-r) is a member of the Agency for Science, Technology and Research (A*STAR) family. Established in 2002, our vision is to power a vibrant and strong infocomm ecosystem in Singapore. I²R focuses on conducting mission oriented research to address key challenges faced locally. At I²R, intelligence, communications and media (ICM) form our 3 strategic thrusts. Our research capabilities are in information technology, wireless and optical communication networks, interactive and digital media, sensors, signal processing and computing. We perform R&D in ICM technologies to develop holistic solutions across the ICM value chain and we believe that the greatest impact is created when research outcomes are translated into technologies our partners can readily deploy at a competitive advantage. For more information about I²R, please visit www.i2r.a-star.edu.sg.

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A*STAR oversees 18 biomedical sciences and physical sciences and engineering research entities, located in Biopolis and Fusionopolis, as well as their vicinity. These two R&D hubs house a bustling and diverse community of local and international research scientists and engineers from A*STAR's research entities as well as a growing number of corporate laboratories.

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