

1st Think X Symposium

Singapore, 9 Apr 2015

Theme: Smart Healthcare for Smart Nation

The Think X Symposium strives to create an arresting and thought-provoking forum where leading scientific minds, inventors and decision makers across multiple disciplines exchange revolutionary “**Extreme**” ideas in computational sciences and technology, with a unifying vision of making the world a better place. The 1st Think X Symposium will debut under the theme of **Smart Healthcare for Smart Nation** - converging key ideas and discussion around emerging drivers of the smart healthcare and medicine ecosystems, including digital health systems, large-scale computational modelling and personalized medicine. In addition, the 1st Think X Symposium will inaugurate the establishment of Systems Biology Institute (SBI) Singapore, which along with SBI Australia and SBI Japan, forms a unique translational network of systems biology expertise and capabilities.

Organizers: Institute for Infocomm Research / A*STAR and the Systems Biology Institute

Venue: Infuse Theatrette at Fusionopolis (Level 14 Connexis South Tower)

Time	Programme and Speakers
8:45-9:15	Registration
9:15-9:20	Doors open – Think X Introduction (by Dr. Lawrence Wee)
9:20-9:30	Think X Symposium Opening Address and Launch of SBI Singapore by Dr. Lee Shiang Long, Executive Director of Institute for Infocomm Research
9:30-10:15	The Day AI wins the Nobel Prize by Professor Hiroaki Kitano, Professor, Okinawa Institute of Science and Technology (OIST), President, The Systems Biology Institute Group Director, RIKEN Integrative Medical Science Center,
10:15-11:00	Special Keynote 1: Virtual Physiological Human: A Global Initiative for 21st Century Healthcare by Dr. Adriano Henney, Executive Director, VPH Institute
11:00-11:45	Special Keynote 2: Tinkering with Regeneration: Report from the Frontiers of New Medicine by Professor Nadia Rosenthal, Scientific Head, EMBL Australia and Director, Australian Regenerative Medicine Institute

11:45-13:00	Lunch Break
13:00- 13:15	Session Overview – by Professor Hiroaki Kitano
13:15-15:45	<p>Enabling Technologies</p> <p>Learning to beat cancer and why all data, big or small, matters Dr. N. Niranjana, Genome Institute of Singapore, A*STAR</p> <p>How Big Data can transform Healthcare and make P4 medicine a reality? Dr. I. Tan, Genome Institute of Singapore, A*STAR and SingHealth</p> <p>Garuda – Towards an enabling platform empowering smart healthcare Dr. Samik Ghosh President and CEO, SBX Technologies, Inc. and Senior Researcher, SBI</p> <p>Enabling Analytics for Smart Healthcare Dr. Lawrence Wee, Institute for Infocomm Research, A*STAR</p> <p>InfiniCortex: a platform for accelerating collaborative biological research and medical diagnostics over global distances Kenneth Ban and Marek Michalewicz A*STAR Computational Resource Center</p>
15:45– 16:15	Tea Break
16:15-17:00	<p>Thematic Sessions from Industry and Academia Partners Partners will outline their vision and focus in areas of interest</p> <p>Panel Discussion on "Looking into the Future" moderated by Professor Hiroaki Kitano</p>
17:00-17:15	Closing Address by Professor Hiroaki Kitano