

Forum “Human 2.0 – Future life with Robot & AI”  
フォーラム「Human 2.0ーロボットやAI と共存する未来の社会を考える」

13:00-15:00 Sunday, August 20, 2017 (Day 2 of symposium)

Purpose

技術の急激な進歩により人工知能 (AI) やロボットは社会や経済に大きな影響を与え始めている。社会が抱える様々な問題の解決に向けて、これらの技術には大きな期待がかけられている。そして、やがてはこれらの技術は人間の脳力をも凌駕するというような話さえ聞こえてくる。

人間の脳力を超えた技術とはどういうものだろうか。そもそも、人間の脳力を超える技術とは実現できるのだろうか。もし実現出来たら、我々の生活はどのような変容を遂げるだろうか。そして、我々はその技術と共存できるだろうか。

本フォーラムでは、現在の技術開発や、技術を取り巻く社会の環境を、様々な角度から切り取って俯瞰し、技術と共に生きる 20 年後の未来を考える機会にしたい。

The rapid advancement of technologies has accelerated the impact of Artificial Intelligence (AI) and robotic systems on the society and the economy. There are much expectations towards these technologies to solve all kinds of problems in the society. It is not uncommon to hear talks about the advent of technologies that will eventually outperform the ability of the human brain. What will technologies that outperform the human brain be like? Is it really possible to create technologies that will surpass human intelligence? If such technologies become a reality, how will they change our lives? And ultimately, can we coexist with them?

This forum will provide a good opportunity for us to pause and ponder from various perspectives about the development of technologies together with our environment and society, towards the future, 20 years from now and beyond, when we live side-by-side with these technologies.

Organizers

**Neo Ee Sian, Ph.D** (*Tetsuyu Healthcare, Z Robotix*)

**Takumi Ohashi** (*Tokyo Institute of Technology and Technology*)

Moderator

**Amin Nowshad, Ph.D** (*The National University of Malaysia*)

Presenters

13:00 Opening speech from an organizer

13:05 “**Humanoid Robot Applications in Real Life ~ Past, Present and Future~**” (Aiman Omer)

13:17 “**中国における自動運転の実態 (Current reality of autonomous driving in China)**” (Wang Ting)

13:29 **“Approaches for the Design of Mobile Platforms with Mobility, Economic Feasibility, and Robustness in Lunar Environments”** ( Lee Woosub, Ph.D)

13:41 **"Artificial Intelligence in Smart Homes with Renewable Energy Resources for a Sustainable Future"** (Amin Nowshad, Ph.D )

13:53 **“Creating Intelligent and Robotic Systems for Services at Homes”** ( Neo Ee Sian, Ph.D)

14:05 **“Extracting Salient User Experience by Interaction Analysis in the Context of User Test with Robotic Assistive Device for Frail Elderly”** (Takumi Ohashi)

14:17 **“Is Robot The Machine of The Future?”** (Hassab Elgawi Osman, Ph.D)

14:29 Talk session

15:00 Closing