Breakout Sessions (13:45-17:20)

Session 1: Robotics

13:45 - 17:20   Session 1  @West Bldg 5, W531, Lecture Theatre

Moderator: Prof. Yukio TAKEDA (Tokyo Tech)

13:45 - 15:25   Session 1-1: Assistive Robotics Technology to Support Aged Society

13:45-14:10   Introduction, Interactive Design of Assistive Devices
                Prof. Yukio TAKEDA (Tokyo Tech)

14:10-14:35   From Robot-Aided Rehabilitation to Soft Wearable Exosuit: Human in the Loop
                Assist. Prof. Lorenzo MASIA (NTU)

14:35-15:00   Artificial Heart and Power Supply Systems for Heart Failure Patients
                Assoc. Prof. Wataru HIJIKATA (Tokyo Tech)

15:00-15:25   Soft Robotics - their applications and basic technologies
                Prof. Koichi SUZUMORI (Tokyo Tech)

15:25-15:40   Coffee break

15:40-17:20   Session 1-2: Robot Technology to Support New Industry

15:40-16:05   Robotic Solutions for Infrastructure Preventive Maintenance
                Dr. Michele GUARNIERI (HiBot)

16:05-16:30   Robotic Manipulation with Contact and Dynamics
                Assist. Prof. PHAM Quang Cuong (NTU)

16:30-16:55   Assistive Mobile Robot and Decommissioning Robot
                Assoc. Prof. Gen ENDO (Tokyo Tech)

16:55-17:20   Surgical Robot Systems using Pneumatic Actuators
                Assoc. Prof. Kotaro TADANO (Tokyo Tech)