

Conference Program (In Person&Online meeting)

| September 9 | | | |
|---------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 9:00-9:20 | Opening Session (Multimedia Room : 2nd BF, 14th building) | | |
| 9:20-9:30 | Break | | |
| 9:30-11:30 | Room 1 (12-104) | Room 2 (12-105) | Room 3 (12-106) |
| | TS-1 Sensors and Signal Processing | TS-2 SS03-1:New Challenges by Students and Young Engineers in Mechatronics | TS-3 SS02-1:Motion Control and Related Technologies |
| 11:30-13:00 | Lunch | | |
| 13:00-15:00 | TS-4 Visual/ LiDAR Sensing and Image Processing | TS-5 SS03-2:New Challenges by Students and Young Engineers in Mechatronics | TS-6 SS02-2:Motion Control and Related Technologies |
| | Coffee Break | | |
| 15:20-17:20 | TS-7 Modeling and Control | TS-8 Robotics&Mechatronics Education | TS-9 Industrial Applications |
| | Multimedia Room (2nd BF, 14th building) | | |
| 17:30-18:30 | Plenary Session 1: "Manufacturing with control of residual stress", Prof. Chunguang Xu, | | |
| 19:00-21:00 | Welcome Reception (Faculty Lounge : Hiyoshi Campus, Keio University) | | |
| September 10 | | | |
| 9:30-11:30 | Room 1 (12-104) | Room 2 (12-105) | Room 3 (12-106) |
| | TS-10 Antenna and its related technology-1 | TS-11 SS01-1: Intelligent Sensing Applications for Human Assistive Systems | TS-12 Advanced Manufacturing Technology of Electronic Machinery-1 |
| 11:30-13:00 | Lunch | | |
| 13:00-15:00 | TS-13 Antenna and its related technology-2 | TS-14 SS01-2: Intelligent Sensing Applications for Human Assistive Systems | TS-15 Advanced Manufacturing Technology of Electronic Machinery-2 |
| | Coffee Break | | |
| 15:30-16:30 | Multimedia Room (2nd BF, 14th building) | | |
| | Plenary Session 2: "Fundamental of Kalman filter and its industrial applications", Prof. Shuichi Adachi | | |
| 16:30-17:30 | Multimedia Room (2nd BF, 14th building) | | |
| | Plenary Session 3: "Deep Learning-based 3D Object Detection in Autonomous Driving, a review", Prof. Vincent Frémont | | |
| 18:30-21:00 | Banquet (Doors open at 18:30 and Banquet starts at 19:00) | | |
| September 11 | | | |
| 09:30-11:30 | Room 1 (12-104) | Room 2 (12-105) | Room 3 (12-106) |
| | TS-16 Electromechanical Coupling of Electronic Equipment | TS-17 Robotics | TS-18 Mechatronics Design |
| 11:30-13:00 | Lunch | | |
| 13:00-15:00 | TS-19 Innovative technologies and new materials | TS-20 Industrial/ Educational Application | TS-21 Simulations and Simulation Software |
| | Coffee Break | | |
| 15:20-17:20 | TS-22 Data science, Machine learning, Neural Net based application | TS-23 SS03-3:New Challenges by Students and Young Engineers in Mechatronics | TS-24 Environmental Adaptability Design of Electronic Equipment |
| | Closing (Multimedia Room: B2F, 14th building) | | |