

Main Research Topics of the Cooperative Project for Innovative Research 2019

Emergent System Research Division

1-1	Department of Computer Science and Engineering Michio Okada	Research Project for Social Implementation of Weak-robots Concept
1-2	Department of Electrical and Electronic Information Engineering Hirofumi Takikawa	Advanced tool Coating Technological Laboratory, OSG-TUT Collaboration (ACTO),2nd stage
1-3	Department of Architecture and Civil Engineering Taiki Saito	Development of technology to improve earthquake resistance of buildings using dynamic pulley damper mechanism
1-4	Department of Electrical and Electronic Information Engineering Kazuaki Sawada	Development of multimodal sensing technologies for visualization of physical / chemical information in micro-meter scale
1-5	Department of Computer Science and Engineering Michiteru Kitazaki	Estimation and control for human status by using physical care robot
1-6	Electronics-Inspired Interdisciplinary Research Institute Toshihiko Noda	Development of multimodal gas sensing technology for environment measurement
1-7	Department of Computer Science and Engineering Jun Miura	Next-generation Robotic Farming in Greenhouse Horticulture
1-8	Electronics-Inspired Interdisciplinary Research Institute/Department of Applied Chemistry and Life Science Saburo Tanaka	Development of Ultra-Sensitive Contaminant Detection System for Li-ion Battery Components
1-9	Research Center for Future Vehicle City Takashi Ohira	Wireless Power Transfer Serendipity That Enables Automatic Drone Charging Stations to Come True

Social System Research Division

1-1	Department of Architecture and Civil Engineering Kojiro Matsuo	Community-based Road and Traffic Management that Make Use of Big-Data: Toyohashi Model
-----	---	--

Main Research Topics of the Cooperative Project for Innovative Research 2017

Emergent System Research Division

1-1	Department of Mechanical Engineering Masahiro Fukumoto	Fabrication of Ultra High Performance SOFC Based on SPS Process
1-4	Department of Applied Chemistry and Life Science Rika Numano	On-chip iPS Cell Factory

Main Research Topics of the Cooperative Project for Innovative Research 2018

Emergent System Research Division

1-1	Electronics-Inspired Interdisciplinary Research Institute Kowa Koida	Development of a high precision microelectrode for neuroscience
-----	---	---