

Main Research Topics of the Cooperative Project for Innovative Research 2016

Emergent System Research Division

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| 1-1 | Department of Computer Science and Engineering Michio Okada | Research Project for Social Implementation of Relation-oriented Robots |
| 1-2 | Department of Computer Science and Engineering Jun Miura | TUT-ASMO Advanced Motion Technology Laboratory Project |
| 1-3 | Department of Environmental and Life Science Saburo Tanaka | Development of Next Generation Contaminant Detection Technology |
| 1-4 | Research Center for Future Vehicle City Takashi Ohira | High-Frequency Semiconductor Circuit Serendipity for Wireless Power Transfer |
| 1-5 | Department of Electrical and Electronic Information Engineering Kazuhiro Takahashi | Development of novel bio-sensors using Sensor / MEMS technology |
| 1-6 | Department of Electrical and Electronic Information Engineering Hirofumi Takikawa | Advanced tool Coating Technological laboratory, OSG-TUT collaboration (ACTO) |
| 1-7 | Department of Architecture and Civil Engineering Kojiro Matsuo | Road Marking 2.0 Project |

Social System Research Division

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| 2-1 | Information and Media Center Hitoshi Isahara | Research on Societal Implementation of Supporting Multilingual Information Outbound |
| 2-2 | Department of Mechanical Engineering Naoki Uchiyama | Development of an outdoor cleaning robot usable in a recycle center |
| 2-3 | Research Center for Collaborative Area Risk Management (CARM) Taiki Saito | Development and implementation of a disaster detection and disaster prevention information sharing system in order to support the Tokai region in the case of a massive earthquake |
| 2-4 | Center for International Relations Hiroyuki Daimon | Research for Production and Utilization of Biomass |
| 2-5 | Research Center for Agrotechnology and Biotechnology Takanobu Inoue | New agriculture promotion plans for agriculture development in East Mikawa region |
| 2-6 | Department of Architecture and Civil Engineering Kuriko Yokota | Investigation of mechanism of water pollution material runoff |

Advanced Research Division

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| 3-1 | Department of Electrical and Electronic Information Engineering Kazuaki Sawada | Innovative Advanced Sensor Processing and Ion-Biology |
| 3-2 | Department of Computer Science and Engineering Shigeki Nakauchi | Research on Experimental Cognitive Science of Psychological Brain Mechanisms |
| 3-3 | Department of Electrical and Electronic Information Engineering Atsunori Matsuda | Multiferroic Materials Laboratory for Advanced Applications |