

Research Project Supported by Collaborative Research, Commissioned Research and Grant Donation 2015

Collaborative Research

1. Financial Provide for Research: NTT Network Innovation Laboratories
Research Representative: Toshiaki Miyazaki
Title: Observing and Inducing Users' Behavior
Amount: ¥ 2,200,000
2. Financial Provider for Research: Japan Atomic Energy Agency (JAEA)
Research Representative: Shigeo Takahashi
Title: Large-scaled data analysis using derivation topology
3. Financial Provider for Research: Aqua Clue
Research Representative: Yuichi Yaguchi
Title: Development of a Remote Centralized Management Device Utilizing Image Processing Technology
4. Financial Provider for Research: Yaguchi Denshi Kogyo Co. Ltd.
Research Representative: Lei Jing
Title: Development of Remote-Controlled Centered Control System Using Image Recognition Technology
5. Financial Provider for Research: National Institute of Advanced Industrial Science and Technology (AIST)
Research Representative: Haruo Terasaka
Title: Development of Energy Network Technology Using Estimation Technique of Electricity Production of Renewable Energy
Amount: ¥ 500,000

Projects

Commissioned Research

1. Financial Provider for Research: ASAHIDENSHI Co.,Ltd
Research Representative: Wenxi Chen
Title: Development of Sleep Monitoring System for Elderly Care Facilities
Amount: ¥ 20,900,000
2. Financial Provider for Research: SYNC, Inc.
Research Representative: Yuichi Yaguchi
Title: Research into a database design that that assures high speed and confidentiality
Amount: ¥ 3,696,000
3. Financial Provider for Research: Agriculture Promotion Division, Fukushima Prefecture
Research Representative: Keitaro Naruse
Title: Development of farming support robot (weeding robot system for rice fields)
Amount: ¥ 12,010,080
4. Financial Provider for Research: Centre for Environmental Creation, Fukushima Prefecture
Research Representative: Takafumi Hayashi
Title: Development of Website which Distributes Information on the Behavioral Analysis of “Statistics Research Project on Radionuclides Transfer into Wildlife”
Amount: ¥ 1,340,000
5. Financial Provider for Research: Japan Science and Technology Agency (JST)
Research Representative: Junbo Wang
Title: Dynamic Evolution of Smart-Phone Based Emergency Communications Network
Amount: ¥ 8,320,000
6. Financial Provider for Research: Japan Science and Technology Agency
Research Representative: Toshiaki Miyazaki

Title: Enhancement of disaster resilient functions to prevent and reduce damages

Amount: ¥ 3,000,350

7. Financial Provider for Research: KIKUCHI SEISAKUSHO CO., LTD.
Research Representative: Yuichi Yaguchi
Title: Position and orientation estimation of multi-copters by image and other sensors
Amount: ¥ 808,500

8. Financial Provider for Research: Sogo Sayo Kenkyujo Co., Ltd.
Research Representative: Haruo Terasaka to Yutaka Watanobe
Title: Study to improve the maintainability of the HOPE analysis code by AIDA
Amount: ¥ 3,240,000

Grant Donation

1. Donation Provider: Indian Institute of Tropical Meteorology
Research Representative: Saji Hameed
Title: Monsoon Mission
Amount: ¥ 4,279,837

2. Donation Provider: Graduate School of Information Science and Technology, The University of Tokyo
Research Representative: Shigeo Takahashi
Title: Research (handover from former affiliation)
Amount: ¥ 573,768

3. Donation Provider: Samsung R&D Institute Japan Co. Ltd.
Research Representative: Wenxi Chen
Title: To encourage a research of the biomedical information measurement technique
Amount: ¥ 500,000

4. Donation Provider: Aizu-Wakamatsu City
Research Representative: Student Affairs Division and Planning and Collab-

Projects

oration Division
Amount: ¥ 10,000,000

5. Donation Provider: Foundation Of River & Basin Integrated Communi-
catins, Japan
Research Representative: Naomi Ogasawara and Kenta Ofuji
Title: Linguistic analysis of water disaster evacuation calls
Amount: ¥ 1,176,547

6. Donation Provider: NAKATANI FOUNDATION for Advancement of Mea-
suring Technologies in Biomedical Engineering
Research Representative: Wenxi Chen
Title: A Comprehensive Survey of Unobtrusive Measurement of Vital Signs
Amount: ¥ 2,800,000