

Research Project Supported by Collaborative Research, Commissioned Research and Grant Donation 2014

Collaborative Research

1. Financial Provider for Research: Samsung R&D Institute Japan Co. Ltd.
Research Representative: Wenxi Chen
Title: Research and Development of Algorithms and Software for Sensors related to Mobile Health
Amount: ¥ 6,000,000
2. Financial Provider for Research: Aqua Clue
Research Representative: Yuichi Yaguchi
Title: Development of a Remote Centralized Management Device Utilizing Image Processing Technology
Amount: ¥ 1,100,000
3. Financial Provider for Research: Toshiba
Research Representative: Yukihide Kohira
Title: Study of Decomposition Techniques for Multiple Patterning Lithography
Amount: ¥ 1,199,000
4. Financial Provider for Research: Sharp
Research Representative: Ryuichi Oka
Title: Development of commercial products using Time-space Continuous Dynamic Programming
Amount: ¥ 500,000
5. Financial Provider for Research: KDDI R&D Labs
Research Representative: Qiangfu Zhao
Title: Study on behavioral analysis utilizing electrical power data and in-house sensors
Amount: ¥ 1,000,000
6. Financial Provider for Research: NTT Network Innovation Laboratories
Research Representative: Toshiaki Miyazaki

Projects

Title: Real-World Event Recognition and Induction Methods
Amount: ¥ 2,200,000

7. Financial Provider for Research: Apply It Co.,Ltd.
Research Representative: Toshiaki Miyazaki
Title: Decentralized autonomous control and optimization methods for sensor networks
Amount: ¥ 869,000

Commissioned Research

1. Financial Provider for Research: Japan Science and Technology Agency
Research Representative: Keitaro Naruse
Title: Development of weeding robot system for rice field
Amount: ¥ 2,600,000
2. Financial Provider for Research: Ministry of Internal Affairs and Communications
Research Representative: Hiroshi Saito
Title: Development of a Snow Removal Support System using Open Source Hardware and Sensor Network
Amount: ¥ 4,335,000
3. Financial Provider for Research: Ministry of Internal Affairs and Communications
Research Representative: Toshiaki Miyazaki
Title: Demand Addressable Sensor Network
Amount: ¥ 18,018,000
4. Financial Provider for Research: Japan Science and Technology Agency
Research Representative: Takafumi Hayashi
Title: Health Care Information Infrastructure for High-blood Pressure Patients
Amount: ¥ 1,948,700
5. Financial Provider for Research: ASAHIDENSHI Co.,Ltd
Research Representative: Wenxi Chen

Title: Development of Sleep Monitoring System for Elderly Care Facilities
Amount: ¥ 22,000,000

6. Financial Provider for Research: 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: ¥ 702,000

7. 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

8. Financial Provider for Research: SYNC, Inc.
Research Representative: Yuichi Yaguchi
Title: Research into a database design that that assures high speed and confidentiality
Amount: ¥ 330,000

9. Financial Provider for Research: Aizuk, Inc.
Research Representative: Keitaro Naruse
Title: Method to provide overhead view images for operability improvement of rescue robots
Amount: ¥ 2,671,080

10. Financial Provider for Research: Nihon System Co., Ltd.
Research Representative: Keitaro Naruse
Title: Study of interface tracking method for a FBRs(Fast Breeder Reactors) Core Damage Accident analysis code
Amount: ¥ 1,080,000

Projects

Grant Donation

1. Donation Provider: Aizu-Wakamatsu City
Research Representative: Student Affairs Division and Planning and Collaboration Division
Amount: ¥ 10,000,000

2. Donation Provider: DELTA Danish Electronics Light and Acoustics
Research Representative: Julian Villegas
Title: Perceptual tests for next generation of speech codec for mobile phones(3GPP SA4 EVS codec)
Amount: ¥ 1,472,271

3. Donation Provider: Indian Institute of Tropical Meteorology
Research Representative: Saji Hameed
Title: Improving multi-scale variability and interactions in a global coupled seasonal climate forecast system through embedded regional modeling at weather and cloud resolving scales
Amount: ¥ 4,279,837

4. Donation Provider: Aqua Clue
Research Representative: Yuichi Yaguchi
Title: Expenses relating to function maintenance and additional work of a Remote Centralized Management Device Utilizing Image Processing Technology
Amount: ¥ 1,000,000

5. Donation Provider: F-COM
Research Representative: Takafumi Hayashi
Title: Subsidy for research which utilizing co-creation cloud
Amount: ¥ 1,200,000