ORGANIZATION

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Director
Dr. Hiroo Yugami

Vice Director
Professor Yukinari Kato
Professor Takahiro Shintani
Specially Appointed Professor Hiroshi Inomata
Specially Appointed Professor Takeo Ebina

Advisor
Senior Research Fellow Yasushi Uematsu

Steering Subcommittee
Advisory Board
External Evaluation Committee
Research Project Selection Committee
Research Project Evaluation Committee
Project Leader's Meeting

Director

Planning Office for Development

Director
Hiroo Yugami

Specially Appointed Professor
Hiroshi Inomata

Specially Appointed Professor
Takeo Ebina

Senior Research Fellow
Yasushi Uematsu

Professor
Yasuyuki Shirai

Specially Appointed Professor
Kazuo Sato

Specially Appointed Professor
Masahide Kumei

Specially Appointed Professor
Takeshi Furuya

Associate Professor
Kazumi Chiba

Associate Professor
Takeshi Kimura

Specially Appointed Senior Assistant Professor
Tsutomu Aida

Research Associate
Yuko Kobayashi

Technical Staff
Keiji Maeda

Technical Staff
Shingo Aizawa

Clerical Assistant
Kumiko Yamada

Senior Research Fellow
Masuo Okada

Senior Research Fellow
Shigenao Maruyama

Research Fellow
Keiji Sakuma

Special Advisor
Atsuyoshi Koike

Industry Creation Section

Full-fledged Type

Life Science

Applied Oxygen Physiology Project
Professor Norio Suzuki

Advanced Food Biotechnology Research Project
Senior Research Fellow Teruo Miyazawa

Environment

Research and Development of Tough Robotics and AI Technologies for Real World Applications
Professor Kazunori Ohno

Development of Evaluation and Analysis Technologies for High-Temperature Solid State Electrochemical Energy Conversion Materials
Specially Appointed Professor Tatsuya Kawada

Establishment of R&D Hub for Environmental Sentinel Technologies Enabling Mass Disease Monitoring
Professor Daisuke Sano

Development of Environmentally Sustainable Devices with Combined Mechanical and Electrical Properties
Specially Appointed Professor Toshiyuki Hashida

Development of Robotic Systems for Lunar Infrastructure Construction
Specially Appointed Professor Kazuya Yoshida

Nanotechnology and Materials

Supercritical Technology for Nanomaterials
Professor Tadafumi Adschiri

Super-Large-Scale Computational Science Simulations for Industrial Development
Professor Momoji Kubo

Molecular Interface Engineering
Senior Research Fellow Kazue Kurihara

Joint Research Project on Interconnect Advanced Technology
Specially Appointed Professor Junichi Koike

Development of New Materials Based on New Metal Additive Manufacturing Technology
Specially Appointed Professor Akihiko Chiba

Development of Advanced Metallurgical Processes for Next Generation
Professor Tetsuya Nagasaka

Development of Novel Crystals, Processes, and Application Devices Supporting Economic Growth
Professor Akira Yoshikawa

Innovative Technology Development for Diverse Risk Management -Towards Safe and Sustainable Society-
Professor Yutaka Watanabe

Information and Communication

Development of Advanced Semiconductor Integrated Circuit Manufacturing Technologies Based on Innovative Image Sensors and Metrology
Professor Rihito Kuroda

Development of Evaluation Technology Contributing to the Creation of Materials and Devices for Next-Generation Innovative Power Electronics Using Scanning Nonlinear Dielectric Microscopy
Specially Appointed Professor Yasuo Cho

Center for Holistically Integrated and Packaged System(TOHOKU CHIPS)
Professor Takafumi Fukushima

Development of Advanced Optical/Electronic Devices Using Nitride Semiconductors
Senior Research Fellow Takashi Matsuoka

Preliminary Type

Age-Adaptive Project for Centenarian Mobility
Specially Appointed Associate Professor Yuji Tanaka

Educational・Academic Type

Fundamental Improvement in Theoretical Materials Science and its Applications, and Enlightenment to Companies and Societies
Senior Research Fellow Yoshiyuki Kawazoe

Academic Type

Understanding and Treating Sarcopenia
Specially Appointed Professor Hideo Higuchi

Research on Chimeric Artificial Nucleic Acid(CANA) Based Drug Development
Developing Innovative Therapeutics Based on the Highly Active Catalytic RNA Cleavage Function of Chimeric Artificial Nucleic Acids
Specially Appointed Professor Takehiko Wada

Dawn Type

NICHe Strategic Projects
Planning Office for Development