Pursuing Multidisciplinary Research for R&D Needs-

Institute of Multidisciplinary Research for Advanced Materials (IMRAM, 多元物質科学研究所 in Japanese) is one of institutes of Tohoku University, Japan. It was founded in 2001 as the successor of three prestigious research institutes with about 50 years' tradition, “Institute for Advanced Materials Processing (素材工学研究所)” “Research Institute for Scientific Measurements (科学計測研究所)” and “Institute for Chemical Reaction Science (反応化学研究所)”

This institute focuses on the science for multi-sources of materials including organic, inorganic, biological and their hybrid materials. It is based on a new concept of material science by fusing different fields of science and technologies such as, physics, chemistry, biology, process engineering, environmental science and more.

The mission of IMRAM is “To promote basic and application of multidisciplinary material science, to educate the next generations in this field to bring up international leading scientists and engineers and to contribute to the global human communities.”

**History**

- **IAMP(1941-2000)**
  Institute for Advanced Materials Processing.
- **RISM(1943-2000)**
  Research Institute for Scientific Measurements
- **ICRS(1944-2000)**
  Institute for Chemical Reaction Science

**Multidisciplinary Research Areas and Centers**

IMRAM has about 50 laboratories, which consist of four divisions relating to its fundamental research areas and four centers focusing on demand-oriented research.

- **Research Center for Sustainable Science & Engineering**
  (6 Labs)
- **Division of Process and System Engineering**
  (7 Labs)
- **Polymer-Hybrid Materials Research Center**
  (6 Labs)
- **Center for Advanced Microscopy and Spectroscopy**
  (4 Labs)
- **Division of Measurements**
  (8 Labs)
- **Division of Organic-and Bio-materials Research**
  (7 Labs)
- **Center for Exploration of New Inorganic Materials**
  (4 Labs)
- **Division of Inorganic Material Research**
  (6 Labs)