World-Leading Research Achievements
IMRAM’s research achievements lead the world in creating futuristic new materials and developing new modes of analysis and new methods of assessment.

Large scale production of “Hybrid Nano-Particles” by Super-Critical Hydrothermal Process, developed by Prof. T. Adashii Lab.

PROSPECT (Properties and Simulations Probed with Electromagnetic Containerless Technique Multiple Characterization System for High-Temperature Molten Materials) developed by Prof. H. Fukuyama Lab.

Discovery of more than 100 “Quasi-Crystals” by Prof. A. Tsai’s group.

Members (as of April 1, 2012)

**Faculty & Staff**

<table>
<thead>
<tr>
<th></th>
<th>Professor</th>
<th>Associate Professor</th>
<th>Senior Assistant Professor</th>
<th>Assistant Professor</th>
<th>Technical Staff</th>
<th>Administrative Staff</th>
<th>Part-Time Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>40</td>
<td>32</td>
<td>5</td>
<td>59</td>
<td>56</td>
<td>23</td>
<td>111</td>
</tr>
</tbody>
</table>

**Students**

| Graduate Students/Ph.D. | 199 |
| Undergraduate Students | 65 |

Total: 337

World-Wide Academic Network
IMRAM has made the academic exchange agreements with more than 45 institutes, universities and departments all over the world.

Asia: 18 | Europe and Russia: 20 | USA: 7 | Total: 45

International Research Environment

| Foreign Staff (FY 2011) | 28 |
| Foreign Researchers (FY 2011) | 163 |
| Foreign Students (FY 2011) | 70 |

Network Joint Research Center for Materials and Devices in Japan
5 major research institutes in Japan including IMRAM forms a collaboration network of “Nano-Macro Materials, Devices and System Research Alliance” and serves as a Network Joint Research Center of Japan;

**RIES**: Research Institute of Electronic Science, Hokkaido University
**IMRAM**: Institute of Multidisciplinary Research for Advanced Materials, Tohoku University
**CRL**: Chemical Resources Laboratory, Tokyo Institute of Technology
**ISIR**: Institute of Science and Industrial Research, Osaka University
**IMCE**: Institute for Materials Chemistry and Engineering, Kyushu University

http://www.tagen.tohoku.ac.jp/en