Condensed Matter Research Center (CMRC) in Institute of Materials Structure Science (IMSS)

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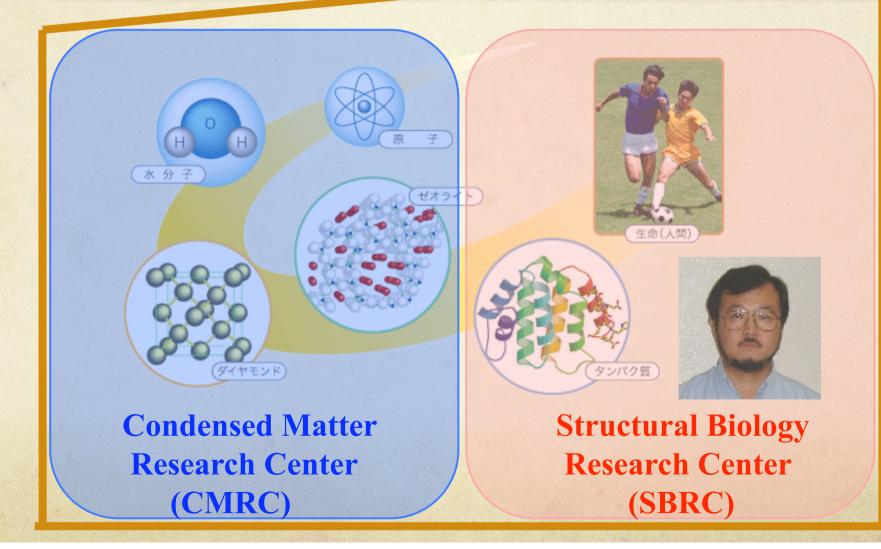
Outline

- 1. Introduction of the CMRC
- 2. Science Field Studied in the CMRC
- 3. Collaboration with Universities and Other Institutes

Mission of IMSS

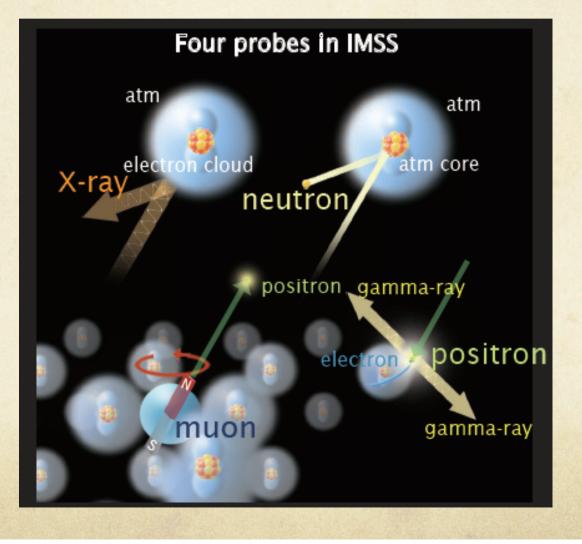
To provide synchrotron light, neutron, and muon to a large number of users in a variety of research fields

To pursue leading-edge researches in many scientific fields

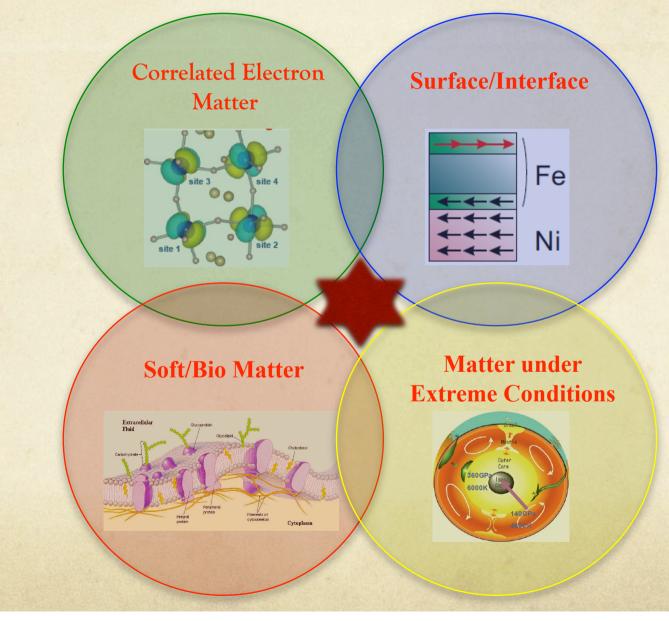




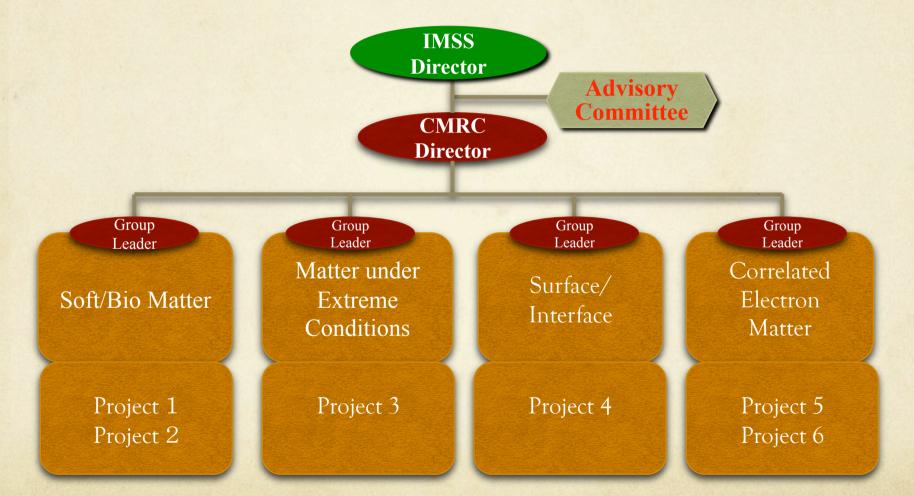
To Make Cutting Edge Researches Complementary Use of Multi-Probes



Four Important Research Areas in Condensed Matter Science



Condensed Matter Research Center Organization Chart

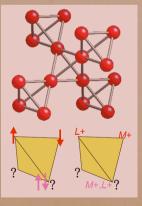


The plans will be minutely investigated and selected by the advisory committee The available period of the projects is 5-7 years.

Correlated Electron Matter

High T_C Superconductivity

Frustration

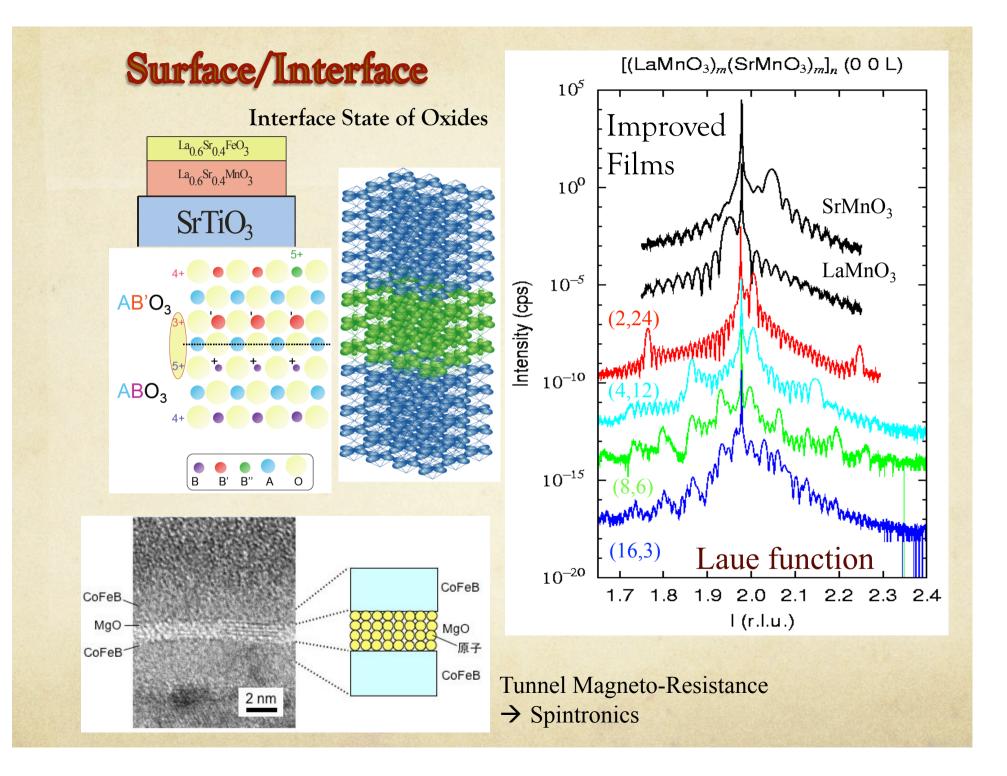


Molecular Conductor

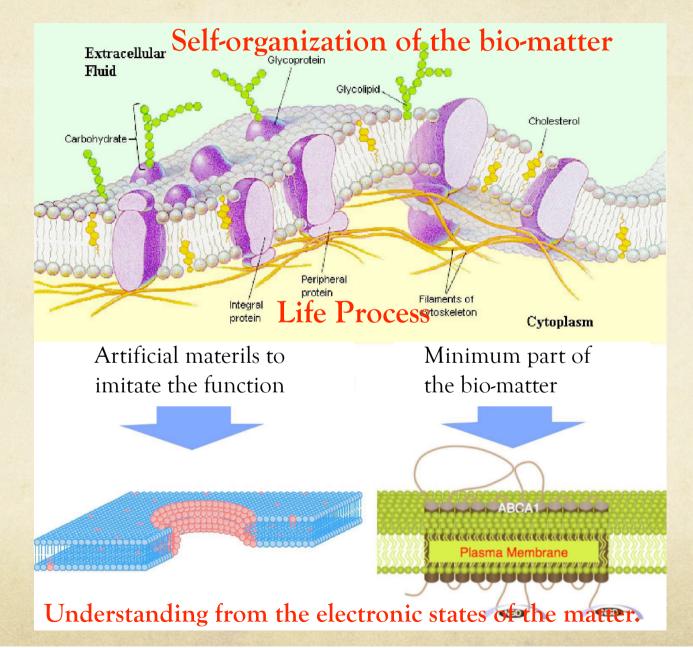
Multiferroics

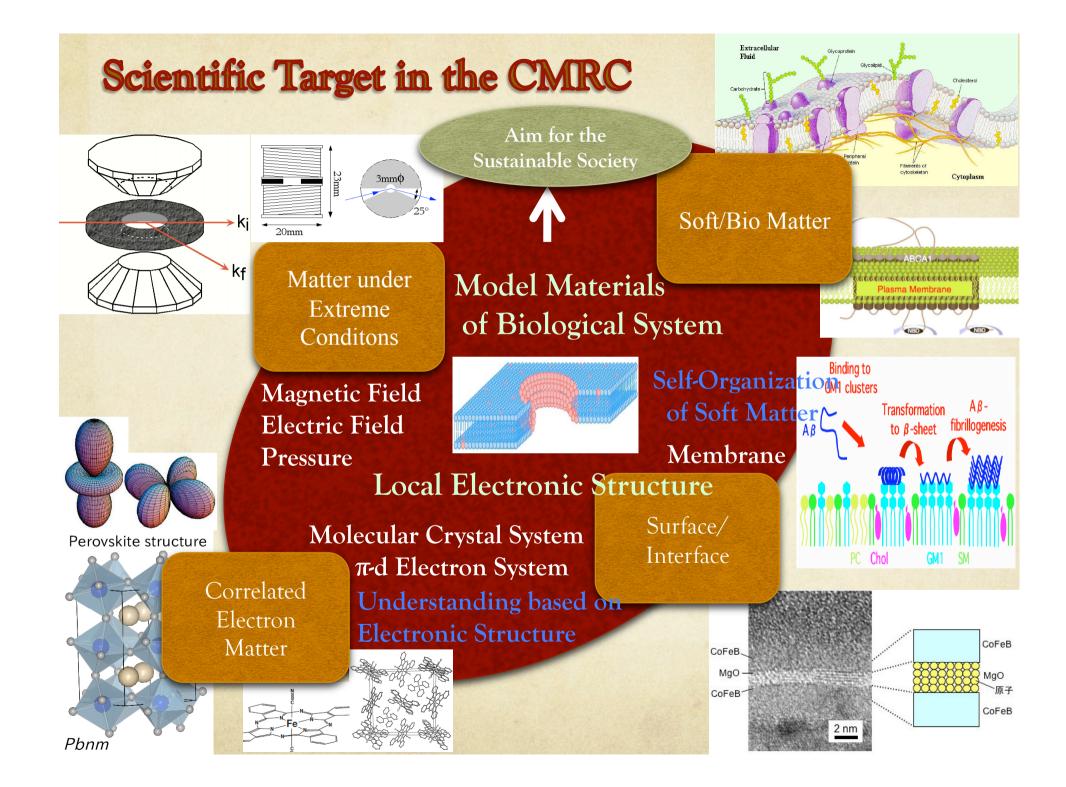
H>H_c

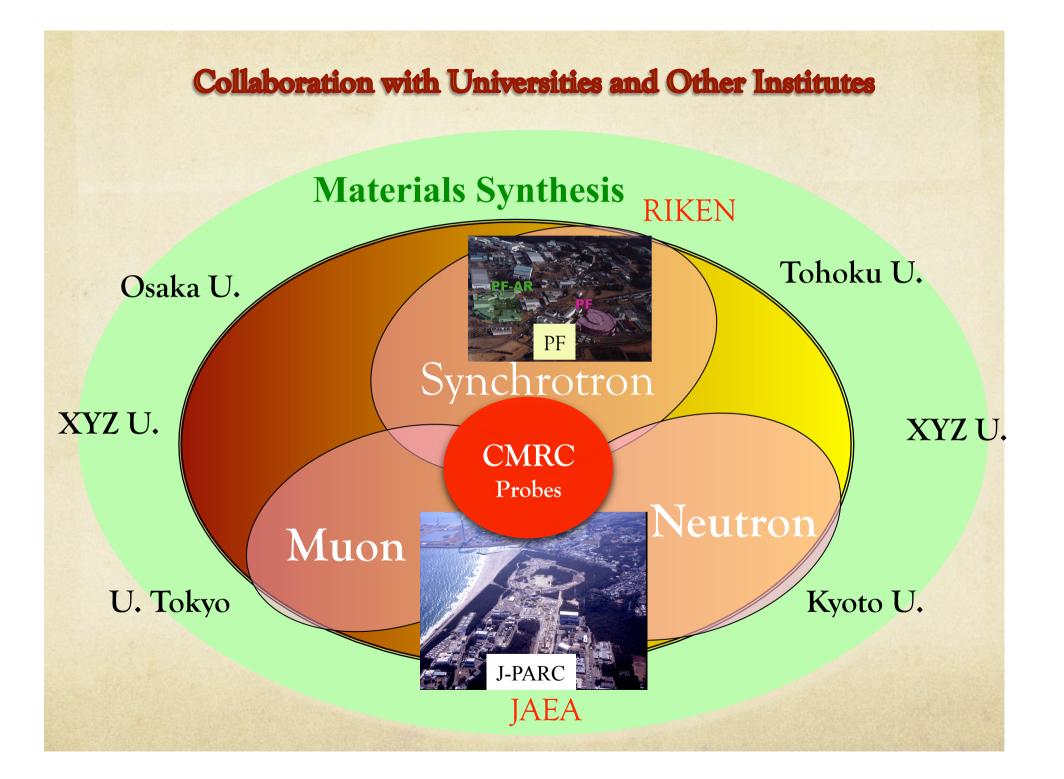
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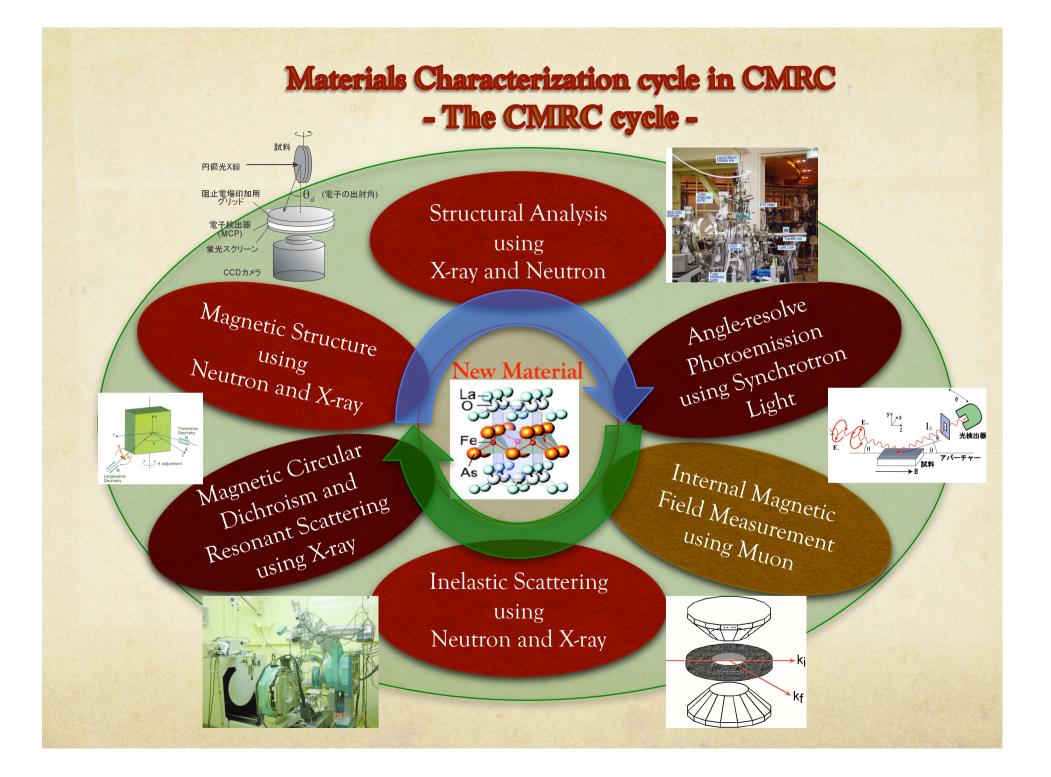


Soft/Bio Matter









Collaboration with RIKEN and JAEA







Complementary Use of Synchrotron Radiation,



JAEA

Synchrotron Radiation Science Neutron and Muon Science

Personnel Exchanges

International Collaboration with Synchrotron, Neutron, Muon Facilities

