

# Strategy of Research

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The Advanced Science Research Center (ASRC) has been conducting new frontier research related to atomic energy sciences. Our task is to discover new principles and phenomena with the advantages of the state-of-the-art research infrastructure of the Japan Atomic Energy Agency (JAEA). The subjects are carefully selected on the basis of their originality, as well as their scientific and technological potential impact. The research duration is limited to a maximum of five years. The strategy of research has been examined and approved at the Evaluation Committee of Research Activities for Advanced Science Research (an external committee) meeting, which was held in April 22-23, 2010.

The ASRC runs with the following three visions:

1. To pursue advanced basic research,
2. To be an international center of excellence (COE) for basic research in atomic energy sciences,
3. To develop new research fields and foster talented young scientists.

Toward the international COE:

The ASRC promotes the following programs;

- i) Appointment of two distinguished scientists as the research advisors.
- ii) Invitation of three world-wide leading scientists as the group leaders.
- iii) Conducting international collaborations through the Reimei Research Program  
(a funding program of ASRC).
- iv) Organization of Evaluation Committee to review ASRC from the international viewpoint.

Research programs:

The following three research areas are taken up at the fiscal year 2010, and each area has several advanced research subjects;

- i) Advanced materials research.
- ii) Frontier research on heavy element systems.
- iii) Research on radiation field effects.

# Organization of ASRC

