

TOPIC: O - Invited presentations  
(PL1-O-550)

## The EU/JA Broader Approach Activities

### Shinzaburo Matsuda

Japan Atomic Energy Agency Sumitomo Fudosan Ueno blg. No8, 7F 110-0015 Higashiueno 6-9-3, Taito-ku, Tokyo Japan

At the time of ITER site decision in Moscow on 28 June 2005, representatives of EU and Japan jointly declared their intention to implement Broader Approach Activities in support of ITER on a time frame compatible with its construction phase.

On the basis of this declaration, working groups from the Parties were established to identify possible key areas of joint activities. As a result of intense discussions, agreement has been reached by both Parties as follows.

The Broader Approach Activities comprise the following three projects:

- 1) Engineering Validation and Engineering Design Activities for the International Fusion Materials Irradiation Facility (IFMIF/EVEDA)
- 2) the International Fusion Energy Research Center (IFERC), comprising:
  - a) A DEMO Design, R&D coordination Center aiming at establishing a common basis for a DEMO design,
  - b) A Computational Simulation Center composed of super-computer facilities for large scale simulation activities, and
  - c) An ITER Remote Experimentation Center to facilitate broad participation of scientists into ITER experiments.
- 3) the Satellite Tokamak Programme including participation in the upgrade of JT-60 Tokamak to an advanced superconducting tokamak and participation in its exploitation, to support ITER and research towards DEMO.

The Parties shall establish a Steering Committee responsible for the overall direction and supervision of the activities. Each project is lead by the respective Project Leader supported by the Project Team. A Project Committee is established for each project to make recommendations to the Steering Committee and monitor the progress of the project. Each Party shall nominate an agency to discharge its obligations for the implementation of these projects. Resources for the Broader Approach Activities shall be equally shared by EU and Japan, contributed mostly in-kind, and allocation of procurements, tasks and responsibilities have been identified. The IFMIF/EVEDA and IFERC projects will be implemented at Rokkasho while the Satellite Tokamak Programme at Naka, Japan. These activities are open to other ITER Members.