

SPring-8 Project Milestones

1986

August

The State Minister of the STA consulted the Council for Aeronautics, Electronics and other Advanced Technologies about "the promotion of comprehensive research on the use of advanced light technology" (Inquiry #11).

1987

July

The Council for Aeronautics, Electronics and other Advanced Technologies submitted its report about advanced light technology (#11), where it pointed out the need for the construction of a large-size synchrotron radiation source and specified an outline for such a project.

August

In a report (#14) on R&D policy for materials science and technology, the Council for Science and Technology (chaired by the Prime Minister), concluded that there was a need to construct a large-size synchrotron radiation source.

October

RIKEN launched a program to develop a third generation synchrotron radiation source.

1988

January

JAERI and RIKEN concluded a collaboration agreement on research and development for a large-size synchrotron radiation facility.

JAERI and RIKEN held their first International Symposium on Synchrotron Radiation.

April

JAERI started R&D on a large-size SR source.

May

A society was established to conduct research a next generation large-size

X-ray source was established.

October

JAERI and RIKEN established a project team to implement R&D for a large-size synchrotron radiation facility.

1989

March

The JAERI constructed a small-size synchrotron radiation facility (JSR) and began a program of experiments.

June

STA selected Harima Science Garden City, Harima, Hyogo Prefecture as the construction site for a large-size synchrotron radiation facility.

August

The facility was named "SPring-8".

1990

February

A second International Synchrotron Radiation Symposium was held by the JAERI and RIKEN.

April

JAERI and RIKEN revised their collaboration agreement and determined their respective responsibilities for construction of the SPring-8 facility.

JAERI: Injector system (a 1 GeV linac and an 8 GeV booster synchrotron), utilities and site facilities.

RIKEN: Storage Ring

December

The Japan Synchrotron Radiation Research Institute (JASRI) was established as a non-profit research organization authorized by the STA.

1991

March

Manufacture of equipment for Linac and Storage ring began.

May

Harima branch office opened.

July

SPring-8 Project was also nominated as one of the projects that should fall under the Japan-U.S. Construction Agreement.

September

The first meeting of SPring-8's International Advisory Committee was held.

November

SPring-8's Ground-breaking Ceremony.

1992

March

JAERI, RIKEN and JASRI held a third International Symposium on Synchrotron Radiation. Land for construction of the SPring-8 facility (141 ha) was donated to RIKEN by the Hyogo Prefecture government.

November

The second meeting of SPring-8's International Advisory Committee was held.

December

Storage ring building (Phase I: 9% of the whole building) started being constructed.

1993

January

Storage ring magnets started being delivered to the New Building.

April

JAERI and RIKEN revised their collaboration agreement to allow joint administration of the SPring-8 project to continue until the facility is completed.

May

Framework Agreement between APS, ESRF and SPring-8 was concluded on 19 May.

August

Discussion on construction of SPring-8's public beamlines started.

November

The third meeting of SPring-8's International Advisory Committee was held.

1994

January

First joint APS-ESRF-SPring-8 workshop on Accelerator and Beamline was held in Grenoble.

March

JAERI, RIKEN and JASRI held a fourth International Symposium on Synchrotron Radiation.

April

SPring-8 facility was open to the general public.

June

The selection of the four beamlines.

September

Completion of linac building.

October

Main office of SPring-8 Project Team moves to Harima.

Preparations begin to establish JASRI as the body that will have eventual responsibility for running the SPring-8 facility. These will center on close collaboration between JAERI, RIKEN and JASRI.

1995

January

The fourth meeting of SPring-8 International Advisory Committee was held.

April

Completion of synchrotron building.

May

The second joint APS-ESRF-SPring-8 workshop was held in Argonne.