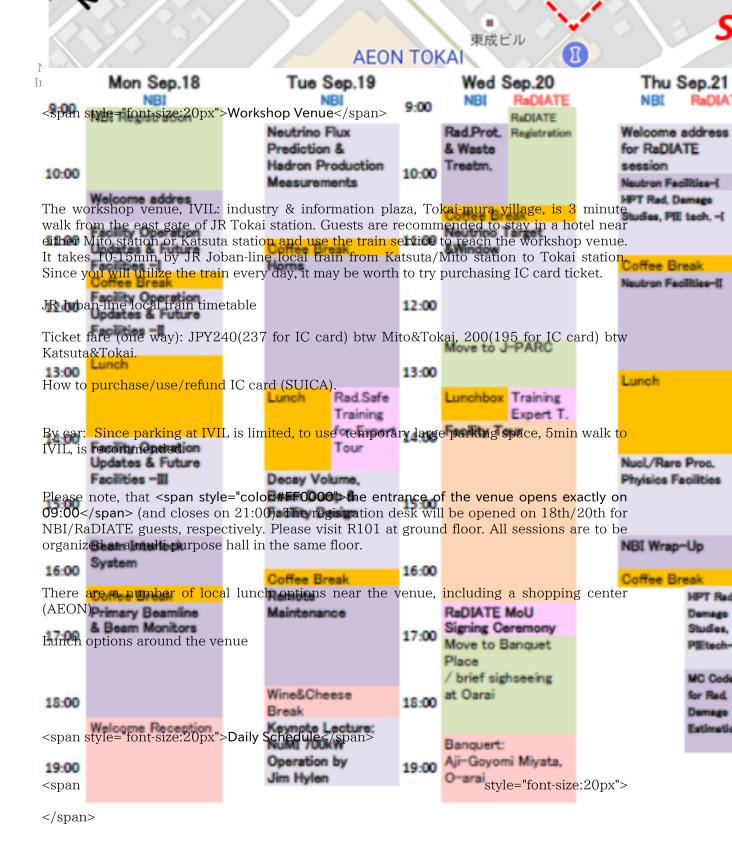
NBI2017: 10th International Workshop on Neutrino Beams and Instrumentation + 4th RaDIATE Meeting



Monday, 18 September 2017 - Friday, 22 September 2017 IVIL: industry & amp; information plaza, Tokai-mura

Venue & Program



<u>September 18:</u> The workshop will be started with NBI specific sessions. Registration desk will be opened on 09:00a.m. (exact) at IVIL. Participants are invited to a welcome reception in the late afternoon.

<u>September 19:</u> NBI specific sessions will continue. A keynote lecture to celebrate NuMI 700kW operation by Dr. James Hylen (Fermilab) will be in the late afternoon, after a wine&cheese break.

<u><u>September 20:</u> Registration desk for RaDIATE participants will be opened in the morning at IVIL in parallel to a NBI session. In the afternoon, both NBI and RaDIATE participants are invited to a tour to J-PARC facilities and Reactor Fuel Examination Facility (RFEF) at JAEA. A banquet is scheduled in the evening, after a brief sightseeing at O-arai, Pacific Ocean seashore.

<u><u>September 21:</u> Sessions common to NBI and RaDIATE will be organized, where target facilities, target and beam windows, results and novel techniques of Post Irradiation Examination (PIE) will be discussed. After the NBI wrap-up in the late afternoon, RaDIATE specific sessions will be continued.

<u><u>September 22:</u> Sessions for RaDIATE participants will be organized, including status and plans for the undergoing irradiation experiment at BNL-BLIP facility and successive PIEs, thermal shock studies at CERN HiRadMat facility. A room is reserved for NBI-only participants for possible meetings and discussions.

<u>* September 23:</u> An optional one-day tour to Kamioka underground laboratories, Super-Kamiokande and Kamland will be organized. Detail is given in a separate page.

Sessions and Contributions

We anticipate contributions in the following sessions:

<u> NBI specific sessions (Sep.18-20):</u>

Facility Operation Updates & Future Facilities

Beam Interlock System

Primary Beamline & Beam Monitors

Neutrino Flux Prediction & Hadron Production Measurements

Horns

Decay Volume, Beam Dump & Facility Design

Remote Maintenance

Radiation Protection & Waste Treatments

<u>NBI+RaDIATE common sessions (Sep.20-21):</u>

Neutrino Target & Window

Neutron Facilities & HPT Radiation Damage Studies

Nuclear/Rare Process Physics Facilities & HPT Radiation Damage Studies

HPT Radiation Damage Studies, PIE Testing & Techniques

<u>RaDIATE specific sessions (Sep.21-22):</u>

Monte Carlo Codes for Radiation Damage Estimation

Novel Materials for Targetry Application

Low Energy Ion Beam Facilities & PIE Activities in Japan

BLIP Irradiation Experiment Status & Plans

HiRadMat Thermal Shock Experiment Plans

Please contact the NBI Scientific Advisory Committee and/or RaDIATE representatives if you wish to make a contribution - initial program to be set in late August.

Program as of September 22 (version 2.5new)