Announcement of the J-PARC/MLF user program for the 2011B term

The East-Japan Great Earthquake occurred on March 11, 2011 has caused considerable damage to the J-PARC facility, and we are making every effort for recovery with a prospect of resuming beam delivery at MLF by January 2012.

With this provisional schedule in mind, call for proposals on neuron and muon experiment program at the J-PARC/MLF for the second half term of FY2011 (2011B) opens on July 17, 2011. Users wishing to conduct experiments at MLF, including those for "public" neutron beam lines maintained by CROSS, are encouraged to submit proposals via the web-based "J-PARC proposal system".

1. Overview of MLF use

General information concerning the use of MLF such as access modes, types and categories of proposals, application and reviewing, procedures for conducting experiment are shown in the following web-site.

http://j-parc.jp/MatLife/en/applying/index.html

2. Period of 2011B term (schedule)

Accepted proposals will be scheduled within the period from February to March, 2012

3. Eligibility

Applicants must belong to a legal organization or entity that may be any of the following:

- Public or private colleges, universities, and institutions of higher education
- Public or not-for-profit research organizations
- Private companies

Applicants belonging to the following parties are subject to the approval of the Ministry of Education, Culture, Sports, Science and Technology - Japan (MEXT).

- Parties listed in the end user list of the Ministry of Economy, Trade and Industry - Japan (METI) (http://www.meti.go.jp/press/20100526001/20100526001-2.pdf)
- Parties not contracting to the treaty on the Nuclear Nonproliferation Treaty (NPT).

4. Deadline for submission

August 7, 2011, 17:00 (JST)

5. Application procedure

Applicants are requested to submit proposals electronically through the J-PARC proposal system (https://gamusha1.j-parc.jp/j-pas/auth/menu.jsp).

6. Available instruments

Neutron and muon instruments available for users' program are as follows. Please visit the following web-site.

http://j-parc.jp/MatLife/en/applying/koubo.html

For more details on the instruments, please consult with "Contact person" listed below. Proton beam power available for experiments is expected to be about 100 kW or more.

(1) Neutron instruments

BL	Name of instrument	Contact person
BL01	4D Space Access Neutron Spectrometer (4SEASONS)	Ryoichi Kajimoto TEL: +81-29-219-5300 E-mail: r_kajimoto@cross.or.jp
BL02 New	Biomolecular Dynamics Spectrometer (DNA)	Kaoru Shibata TEL: +81-29-219-5300 E-mail: k_shibata@cross.or.jp
BL03	IBARAKI Biological Crystal Diffractometer (iBIX)	Ichiro Tanaka TEL: +81-294-38-7093 E-mail: i.tanaka@mx.ibaraki.ac.jp
BL04	Accurate Neutron-Neucleus Reaction Measurement Instrument (ANNRI)	Hideo Harada TEL: +81-29-282-6789 E-mail: harada.hideo@jaea.go.jp
BL08	Super High Resolution Powder Diffractometer (SuperHRPD)	Takashi Kamiyama TEL: +81-29-284-4876 E-mail: takashi.kamiyama@kek.jp
BL10	NeutrOn Beam-line for Observation and Research Use (NOBORU)	Fujio Maekawa TEL: +81-29-282-6217 E-mail: maekawa.fujio@jaea.go.jp
BL12	High Resolution Chopper Spectrometer (HRC)	Shinichi Itoh TEL: +81-29-284-4451 E-mail: shinichi.itoh@kek.jp Taku Sato TEL: +81-29-287-8905 E-mail: taku@issp.u-tokyo.ac.jp
BL14	Cold-Neutron Disk-Chopper Spectrometer (AMATERAS)	Kenji Nakajima TEL: +81-29-282-6936 E-mail: kenji.nakajima@j-parc.jp
BL15 New	Smaller-Angle Neutron Scattering Instrument (TAIKAN)	Jun-ichi Suzuki TEL: +81-29-219-5300 E-mail: j_suzuki@cross.or.jp

BL16	Soft Interface Analyzer (SOFIA)	Norifumi Yamada TEL: +81-29-284-4274 E-mail: yamadan@post.kek.jp
BL17 New	Polarized Neutron Reflectometer with Vertical Sample Geometry (VNR)	Masayasu Takeda TEL: +81-29-284-3423 E-mail: takeda.masayasu@jaea.go.jp
BL19	Engineering Materials Diffractometer (TAKUMI)	Kazuya Aizawa TEL: +81-29-284-3744 E-mail: aizawa.kazuya@jaea.go.jp
BL20	IBARAKI Materials Design Diffractometer (iMATERIA)	Toru Ishigaki TEL: +81-29-352-3231 E-mail: toru.ishigaki@j-parc.jp
BL21	High Intensity Total Diffractometer (NOVA)	Toshiya Otomo TEL: +81-29-284-4333 E-mail: toshiya.otomo@j-parc.jp

- Accepted proposals from universities or academic institutions to use any KEK neutron instruments (BL08, BL12, BL16, BL21) will be supported by the KEK inter-university research program. Those from private companies are requested to contact with the address shown below before application.
- For the instrument (BL21) proposals on research of hydrogen storage materials are applicable.
- Specific program for the instruments (BL03, BL20) conducted by Ibaraki Prefecture is called separately. Please contact the following

IBARAKI Prefecture Office, IBARAKI Quantum Beam Research Center

TEL: +81-29-352-3301

for more details.

- For the public instruments (BL01, BL02, BL15, BL17) CROSS calls for proposals via the web-based "J-PARC proposal system" in common with MLF according to this guide.

Please visit the following web-site.

http://www.cross.or.jp/tokai

for more details.

(2) Muon Instrument

BL	Name of instrument	Contact person
D1	D1 instrument	Yasuhiro Miyake TEL: +81-29-284-4624 E-mail: yasuhiro.miyake@kek.jp
D2	D2 instrument	Yasuhiro Miyake TEL: +81-29-284-4624 E-mail: yasuhiro.miyake@kek.jp

Accepted proposals from universities or academic institutions to use any KEK muon instruments (D1, D2) will be supported by the KEK inter-university research program. Those from private companies are requested to contact with the address shown below before application.

7. Status of MLF

Commissioning of both existing and newly-installed instruments will be started as soon as the accelerators and neutron sources are operational again. Detailed information on beam time, beam power, the status of each instrument will be delivered on time. Although J-PARC is doing its utmost to start all instruments as scheduled, there is uncertainty over when neutron and muon beam will return to service and when heavily damaged instruments will be ready. Your understanding would be greatly appreciated.

8. Contact address

J-PARC Center Users Office

(1) Non-proprietary research

IBARAKI Quantum Beam Research Center,
162-1 Shirakata, Tokai-mura, Naka-gun, Ibaraki 319-1106, Japan
TEL: +81-29-284-3398
FAX: +81-29-284-3286
E-mail: j_proposal@ml.j-parc.jp

(2) Proprietary research

2-4 Shirakata Shirane, Tokai-mura, Naka-gun, Ibaraki 319-1195, Japan
TEL: +81-29-284-3586
FAX: +81-29-282-5996