TRIUMF

January 21, 2022

Call for Beam Requests for TRIUMF Schedule 142: Spring/Summer 2022

Dear TRIUMF Users & Staff,

We are now open to requests for beam time for Schedule 142: Spring/Summer 2022. This includes beam time on the Meson Hall channels and ISAC.

Schedule 142 is currently intended to run from May 14th until October 3rd. BL2A will be available for ISAC radioactive beam experiments from June 14th until October 3rd.

Experiments from the **Molecular and Materials Science (MMS), Life Sciences (LSPEC)** and **Nuclear Physics (NP)** pools should continue to use the Beam Requests tool at the Science Applications portal.

The deadline for all requests is Wednesday February 16th at 23:59 PST.

All Users intending to visit TRIUMF should familiarize themselves with TRIUMF's COVID-19 protocols at https://www.triumf.ca/COVID-19%20RESOURCES, in particular TRIUMF's vaccination status verification policy (https://www.triumf.ca/sites/default/files/Vaccine%20verification_onepager_1.pdf) before committing to their visit.

ISAC Experiments (Nuclear Physics, β-NMR, Life Sciences)

Radioactive beam (RIB) from BL2A will be available from around June 14th. We are considering all available ISAC target and ion source combinations.

The NP-EEC will be held on February 7th-9th, 2022. Shifts allocated at that meeting, as well as those allocated at previous NP-EEC meetings, will be available to be requested in Schedule 142 and can be viewed on the Science Applications portal.

Please submit separate requests for beam time on the βNMR and βNQR spectrometers.

Questions regarding the ISAC beam time can be directed to Chris Ruiz (ruiz@triumf.ca).

Meson Hall Experiments (Molecular & Materials Science, UCN and PIF & NIF)

We are only considering requests for μSR experiments using surface muons on the M15 and M20 beam lines. μSR experiments will run from early June until October 3rd.

t 604.222.1047
www.triumf.ca
4004 Wesbrook Mall
Vancouver BC V6T 2A3 Canada

The MMS-EEC was held on Monday, January 17th and Tuesday, January 18th. Shifts allocated at this meeting, as well as those allocated at previous MMS-EEC meetings, are available to be requested in Schedule 142 and can be viewed on the Science Applications portal.

Experiments on the DR spectrometer that require accurate zero magnetic field will be grouped together at the beginning of DR run block. Only small magnetic fields required for α calibration will be applied during this period. Experiments requiring less stringent zero magnetic field (about 0.5 G) and LF or TF fields will be accommodated later in the beam schedule. Experiments that require both accurate zero magnetic field and LF or TF measurements will have to be split into two parts. Please make sure to include these requirements in your beam request.

Questions regarding the Meson Hall beam time can be directed to Iain McKenzie for Molecular and Materials Science (iainmckenzie@triumf.ca) or Michael Trinczek for PIF & NIF (trinczek@triumf.ca).

Sincerely,

Chris Ruiz (ISAC Beam Scheduler)

Iain McKenzie (MMS Beam Scheduler)

Michael Trinczek (PIF & NIF Beam Scheduler)

Cornelia Hoehr (Life Sciences Beam Scheduler)