

July 26, 2022

**Call for Beam Requests for TRIUMF Schedule 143: Fall 2022**

Dear TRIUMF Users & Staff,

We are now open to requests for beam time for Schedule 143: Fall 2022. This includes beam time on the Meson Hall channels and ISAC.

Schedule 143 is currently intended to run from October 10<sup>th</sup> until December 21<sup>st</sup>.

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 firm on Wednesday August 10<sup>th</sup> at 23:59 PDT.**

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](https://www.triumf.ca/sites/default/files/Vaccine%20verification_onepager_1.pdf)) before committing to their visit.

**ISAC Experiments (Nuclear Physics,  $\beta$ -NMR, Life Sciences)**

Radioactive beam (RIB) from BL2A will be available for the entire schedule. Shifts allocated at the June 2022 Nuclear Physics EEC (NP-EEC) meeting, as well as those allocated at previous NP-EEC meetings, are available to be requested in Schedule 143 and can be viewed on the [Science Applications portal](#).

Please submit separate requests for beam time on the  $\beta$ NMR and  $\beta$ NQR spectrometers.

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

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

We are only considering requests for  $\mu$ SR experiments using surface muons on the M15 and M20 beam lines.  $\mu$ SR experiments will run from October 18<sup>th</sup> until November 29<sup>th</sup>.

The MMS-EEC was held on Monday, July 25<sup>th</sup>. Shifts allocated at this meeting, as well as those allocated at previous MMS-EEC meetings, are available to be requested in Schedule 143 and can

be viewed on the [Science Applications portal](#). Reports from the committee will not be available until early September.

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  $\alpha$  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](mailto:iainmckenzie@triumf.ca)) or Michael Trinczek for PIF & NIF ([trinczek@triumf.ca](mailto: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)