

January 25th, 2019

To: Experimental Spokespersons and Users
Operations
Division Heads

RE: Call for Beam Requests for Schedule 136 (Spring/Summer 2019)

We hereby invite beam requests for Schedule 136. The cyclotron schedule is intended to begin on April 15th, 2019 and run until the mini Shutdown on September 30th. Radioactive beam at ISAC will be available from June 17th onwards.

ISAC program (Nuclear Physics and β NMR):

Restrictions: The ISAC target modules are undergoing repair work to address high-voltage issues, though the results of this will not be known by the beginning of the schedule. Therefore, we will only be considering requests that require **less than 40 kV** bias voltage on ISAC target modules. If you are in doubt as to the requirements of your experiment, please contact the ISAC Liaison Scientist, Martin Alcorta, at malcorta@triumf.ca. All standard ISAC target and ion source types will be considered for Schedule 136, within the usual compatibility constraints, however there will be a maximum of 8 ISAC targets scheduled for 2019, and the first target in schedule 136 will be a tantalum (Ta) target. Note also that we will be scheduling blocks of CANREB commissioning with high priority during Schedule 136, to ensure that this facility is ready for users in the timeliest manner possible.

The SAP-EEC will be held on January 28th & 29th 2019. Shifts awarded at this meeting will be able to be requested for Schedule 136 before the deadline. Note that we are now routinely operating with an 8-hour shift pattern. All requests should be in the form of 8-hour shifts. Shifts awarded at SAP-EECs prior to July 2017 may have not yet been converted to 8-hr shifts in the online database, so please take this into account when submitting a request. If you spot inconsistencies between the number of shifts awarded by the EEC and the ones in the database, please let me know at ruiz@triumf.ca. Please note that shifts awarded by the SAP-EEC expire three (3) years after they have been awarded.

Centre for Molecular and Materials Science program (muons):

We are only considering requests for experiments using surface muons on the M15 and M20 beam lines. The schedule for μ SR experiments will be prepared by Iain McKenzie (iainmckenzie@triumf.ca). μ SR experiments will be scheduled from May 5th, 2019 to September 3rd, 2019. The remainder of μ SR beam time in Schedule 136, i.e. September 3rd to 30th, will be scheduled after the summer MMS-EEC meeting along with Schedule 137 (Fall 2019).

The MMS-EEC was held on Monday January 21st, 2019 and shifts allocated at that meeting are available to be requested also. Allocated shifts can be seen on the Science Applications Dashboard: <https://mis.triumf.ca/science/dashboard.jsf> Note that we are now routinely operating with an 8-hour shift pattern. All requests should be in the form of 8-hour shifts. Please note that shifts awarded by the MMS-EEC expire two (2) years after they have been awarded.

The deadline for requesting beam time during Schedule 136 is **Tuesday, February 12th, 2019 at 23:59 PST**. We plan to release a draft schedule on Tuesday, March 5th, 2019 and hold the final scheduling meeting for all stakeholders on Tuesday, March 12th, 2019.

Please submit your beam requests for Schedule 136 using the online beam request application directly at <https://mis.triumf.ca/science/beam/request/home.jsf> or through the Experimenters' Dashboard at <https://mis.triumf.ca/science/dashboard.jsf>. Should you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Ruiz".

Chris Ruiz
ISAC Beam Scheduler