

May 25, 2022

**To: Users of TRIUMF's Molecular and Materials Science and PIF & NIF Programs**

**Subject: CALL FOR PROPOSALS FOR THE TRIUMF MOLECULAR AND MATERIALS SCIENCE EXPERIMENT EVALUATION COMMITTEE**

Below are the steps that spokespersons must follow to receive  $\mu$ SR,  $\beta$ -NMR and PIF & NIF beam time at TRIUMF.

**Step 1:** *It is important that you discuss your proposal with a TRIUMF scientist prior to submission.* Please contact a CMMS facility scientist regarding  $\mu$ SR and  $\beta$ -NMR proposals and Mike Trinczek ([trinczek@triumf.ca](mailto:trinczek@triumf.ca)) regarding PIF & NIF proposals.

Information about the facilities can be found at the following websites:  $\mu$ SR <http://musr.ca/>;  $\beta$ -NMR and  $\beta$ -NQR <http://bnmr.triumf.ca/>; PIF & NIF <https://www.triumf.ca/pif-nif>.

**Step 2:** Contact [sciencediv@triumf.ca](mailto:sciencediv@triumf.ca) to request an experiment number and access to the TRIUMF Science Applications website: <https://mis.triumf.ca/science/dashboard.jsf>. Please provide a title for the experiment and the facility you wish to use.

**New experiment numbers must be requested by Wednesday, June 15<sup>th</sup>, 2022.**

**Step 3:** Prepare your proposal using the templates found [here](#).

- Proposals are needed for a new experiment or an approved experiment that has not been evaluated since the June 2020 MMS-EEC meeting.
- Progress reports will only be considered if they are directly related to the original proposal. If the proposed research is significantly different from the original proposal a new experiment number will be needed.
- Proposals can be submitted for deferred experiments. Please respond to the comments raised by the MMS-EEC for the previous submission.
- A single proposal can be used to request beam time for  $\mu$ SR experiments on different instruments or with different sample environments. A single proposal can also be used to request beam time for experiments on  $\beta$ -NMR and  $\beta$ -NQR. However, spokespersons must submit separate proposals for  $\mu$ SR and  $\beta$ -NMR experiments, even if they concern the same material. Spokespersons may submit a single proposal to request beam time on different PIF & NIF beamlines.

**Step 4:** Logon to the TRIUMF Science Applications website, click on the tab for your experiment number to edit, and submit your proposal.

**The DEADLINE for receipt of new proposals and progress reports for  $\mu$ SR,  $\beta$ -NMR and PIF & NIF experiments is firm at:**

**Wednesday, June 22<sup>nd</sup>, 2022**

**(Midnight (23:59), Vancouver time)**

The next evaluation of proposals by the MMS-EEC will take place on:

**Monday, July 25<sup>th</sup> and Tuesday, July 26<sup>th</sup>, 2022**

*Please note that we cannot predict the impact of the COVID-19 pandemic on operations in 2022. If you might be affected by possible travel restrictions, please discuss how you plan to run remotely and what assistance you need from CMMS staff or local collaborators. These collaborations need to be agreed upon prior to the submission of the proposal.*

**Step 5:** The number of allocated shifts will be viewable on the [TRIUMF Science Applications website](#) immediately upon the conclusion of the MMS-EEC meeting. The comments of the MMS-EEC will be distributed to spokespersons one week after the end of the meeting.

**Step 6:** You must submit a separate request to use your banked shifts in a particular beam period. The deadline to request to use banked shifts in Schedule 143 (October – December 2022) will be Wednesday, August 3<sup>rd</sup>, 2022. You will receive a reminder about the beam request deadline in late July 2022. The beam request is submitted through the [TRIUMF Science Applications website](#).

Members of the MMS-EEC are:

**Chairperson:** Young-June Kim – University of Toronto (Toronto, ON, Canada)

**Secretary:** Iain McKenzie – TRIUMF and Simon Fraser University (Vancouver, BC, Canada)

**Members:** Rebecca Flint – Iowa State University (Ames, IA, USA)  
Takashi Imai – McMaster University (Hamilton, ON, Canada)  
Regine von Klitzing – Technical University of Darmstadt (Darmstadt, Germany)  
Greg MacDougall – University of Illinois at Urbana-Champaign (Urbana-Champaign, IL, USA)  
Natalia Perkins – University of Minnesota (Minneapolis, MN, USA)  
Roberto de Renzi – University of Parma (Parma, Italy)  
Jeffrey Quilliam – Université de Sherbrooke (Sherbrooke, QC, Canada)

Information about the MMS-EEC can be found [here](#) and the Terms of Reference can be found [here](#).