

# Nuclear Physics Seminar Series

**OBJECTIVE:** On a regular and frequent basis, disseminate mature science results by and to all members of the Nuclear Physics Department, interested parties of the Theory Department, and their collaborators and students, in a seminar-style format that encourages discussion and feedback.

**BACKGROUND:** This seminar series will provide an unified and centralized structure to the following separate initiatives, which will be superseded:

1. The bi-weekly ISAC Science Forum (Wednesdays at 3:15 pm)
2. The monthly ISAC-Theory Discussion (second Friday of the month at 11:00 am)
3. The monthly Astrophysics Discussion, (first Wednesday of the month at 11:00 am)

This series is not expected to increase “meeting load”, and it is not intended to have any impact on the Tuesday Theory Seminar.

**FORMAT:** Meetings will be held every week at a fixed place and time: **every Monday from 3:30 pm–4:30 pm in the auditorium.** The audience will be nuclear physics experts or experts-in-training. The talks should be planned to be 40 minutes long, with about 10 minutes of introduction and 30 minutes explaining the methods, results, and where relevant, consequences. This will allow plenty of time for discussion; interruptions for questions will be welcomed. The subjects will be experimental and theoretical nuclear astrophysics, nuclear structure, fundamental forces and symmetries. Talks are expected to be broad enough to encourage collaborations between different parties, e.g. theory/experiment. Big picture overviews for general physics audiences that are common to colloquia are discouraged. Talks will be solicited on results that are new to the Nuclear Physics group at TRIUMF, namely:

- Results where the analysis is quite mature
- Papers about to be submitted or recently published
- Well thought-out ideas for science programs
- Talks to be given or that have been given at conferences

Speakers will primarily be TRIUMF Nuclear Physicists of all experience levels. Visitors, post-doctoral fellows, and students should expect to give a talk near the conclusion of their terms. Anyone preparing a paper should expect to be asked to give a talk.

All staff members and postdocs/students working in nuclear physics are **encouraged to attend.**

Greg Hackman, on behalf of the organizing committee:

Sonia Bacca (Nuclear Theory)

John Behr (Fundamental Symmetries)

Iris Dillmann (Nuclear Astrophysics)

Greg Hackman (Nuclear Structure)