

# Canadian Subatomic Physics

## LONG RANGE PLAN 2022 - 26

Community Topical Townhall consultation

[subatomicphysics.ca](https://subatomicphysics.ca)



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### Community Topical Townhall consultation

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- Welcome and land acknowledgement
- Public forum - respect, inclusion and courtesy are requested



# SAP Long Range Plan 2022



## Topical Townhall 1: SAP Community

- Tues Feb 16, 9am-11am PST [Education, Training and Careers]
- Wed Feb 17, 11am–1pm PST [EDI, Early Career Researchers, Community Org]

## Topical Townhall 2: SAP Science Opportunities

- Mon Mar 8, 11:30am-1:30pm PST [Science Planning and Opportunities]
- **Wed Mar 10, 9am-11am PST [SAP Connections]**

## General Community Townhall

- Tues-Wed April 20,21



# Canadian Subatomic Physics

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### Topical Townhall 2: Scientific Opportunities

# SAP Connections: Interfacing to other fields and society

*LRP Committee Conveners:*

Bob Laxdal (TRIUMF)

Augusto Macchiavelli (LBL)

Kate Scholberg (Duke)

March 10th, 2021



# SAP Connections: Interfacing to other fields and society

- GOAL: To explore the scientific, social and commercial opportunities that lie at the boundary with other research fields.
- FORMAT: A moderated Q&A discussion session, featuring an expert panel from the Canadian community with expertise in Medical Physics, Material Science, Commercialization, Quantum Information and Industrial Accelerators.
  - The moderator will pose a discussion topic in the form of a question,
  - The panel members will first comment on the question,
  - Then, the floor will be opened to the audience for additional discussion
    - Please raise your hand in Zoom, or type into the chat, or send a private chat message to either Brigitte Vachon or Adam Ritz to be read without your name
    - We have ~30 mins/question. Slack is available to continue the discussion offline (link in the chat)
- Notes will be taken, but the meeting will not be recorded.

# Panel Members & Topics

- **Medical physics**
  - Conny Hoehr (Deputy Associate Lab Director Life Sciences, TRIUMF)
- **Material science**
  - Bruce Gaulin (Distinguished Professor, Brockhouse Chair, McMaster U.)
- **Quantum information**
  - Serge Charlebois (Professor, U. Sherbrooke)
- **Commercial applications**
  - Kathryn Hayashi (President and CEO, TRIUMF Innovations)
- **Industrial accelerators/applications**
  - Mark de Jong (Chief Technical Officer, Canadian Isotope Innovations)



# Discussion topics

- What research, societal, commercial opportunities lie at the boundary with SAP?
- What are the challenges of collaborations between SAP and other research fields or industry?
- How could funding be improved to better capture cross-boundary research or societal/commercial opportunities?

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# Case studies



# Wrap-up

**Thank you for your participation!**

Further feedback is welcome

- ▶ Email: [lrpc@subatomicphysics.ca](mailto:lrpc@subatomicphysics.ca)
- ▶ Slack: <https://canadian-sap-lrp-2022.slack.com>
- ▶ Anonymous Survey: <https://www.surveymonkey.ca/r/STHSK3D>

**Next steps**

**SAP Community Townhall**

April 20-21

**Looking forward to your feedback**