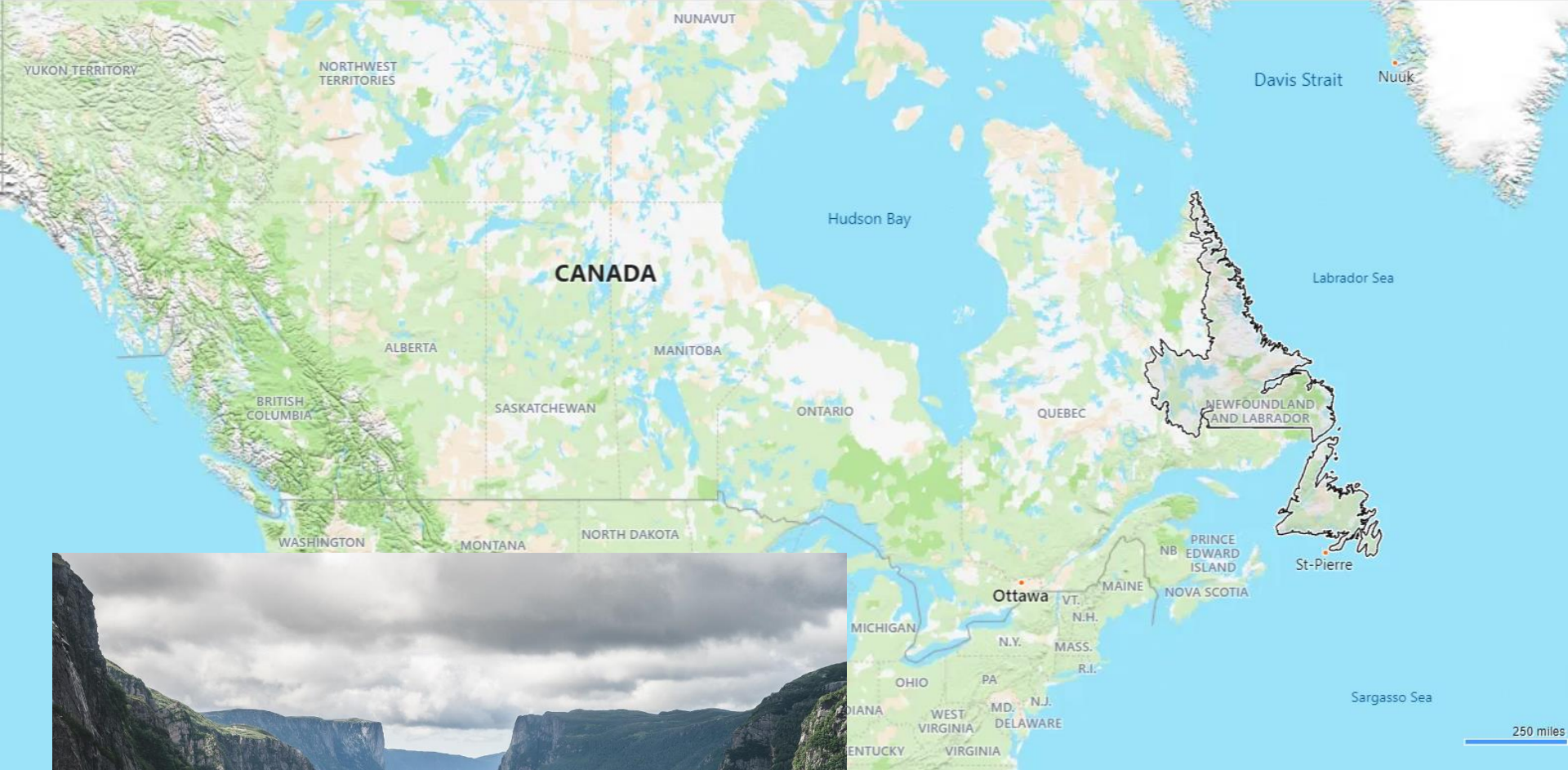


The Canadian Institute of Nuclear Physics and Subatomic Physics Long Range Plan

Svetlana Barkanova
Grenfell, Memorial University of Newfoundland
Newfoundland and Labrador, Canada

GRENFELL
CAMPUS





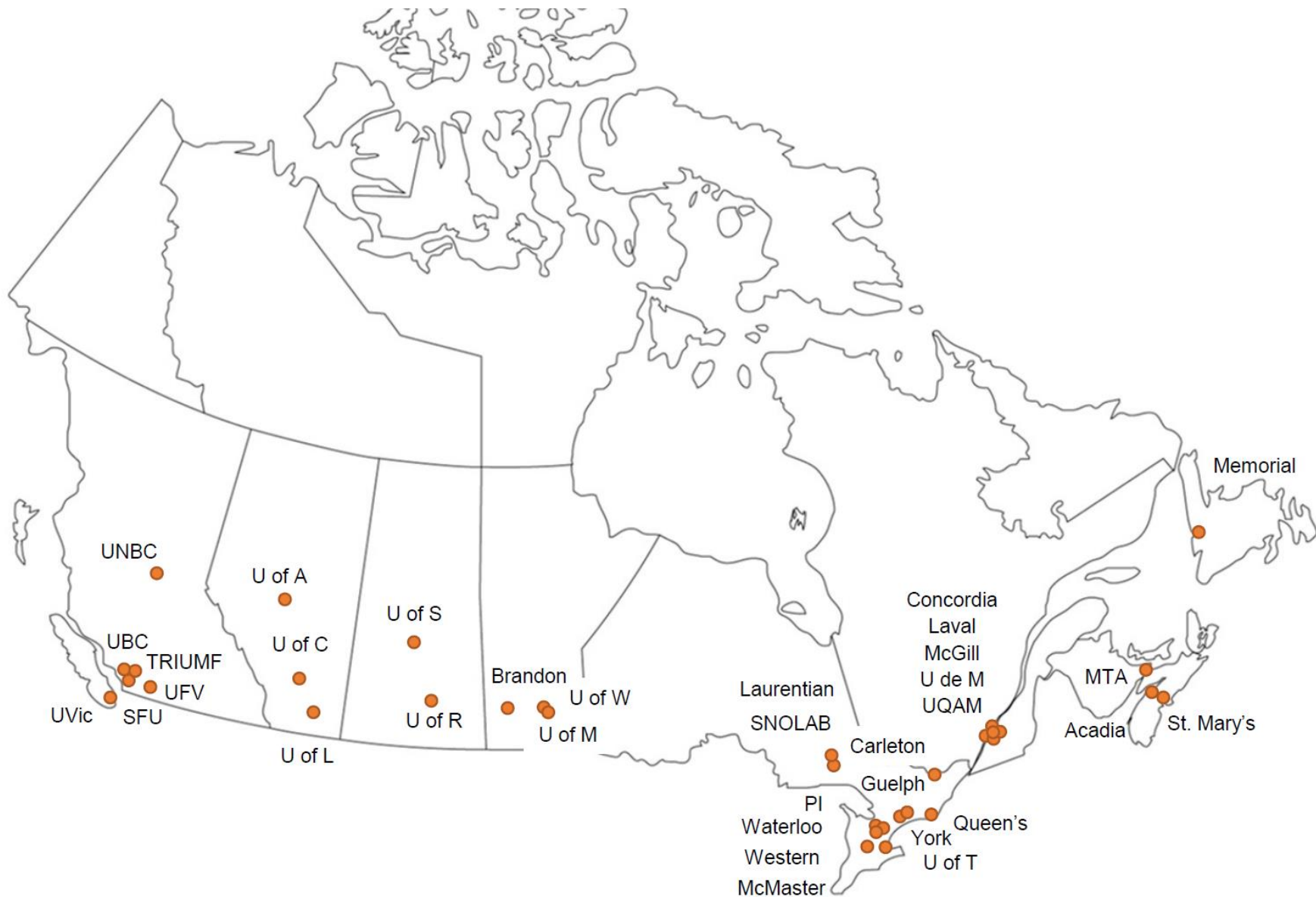
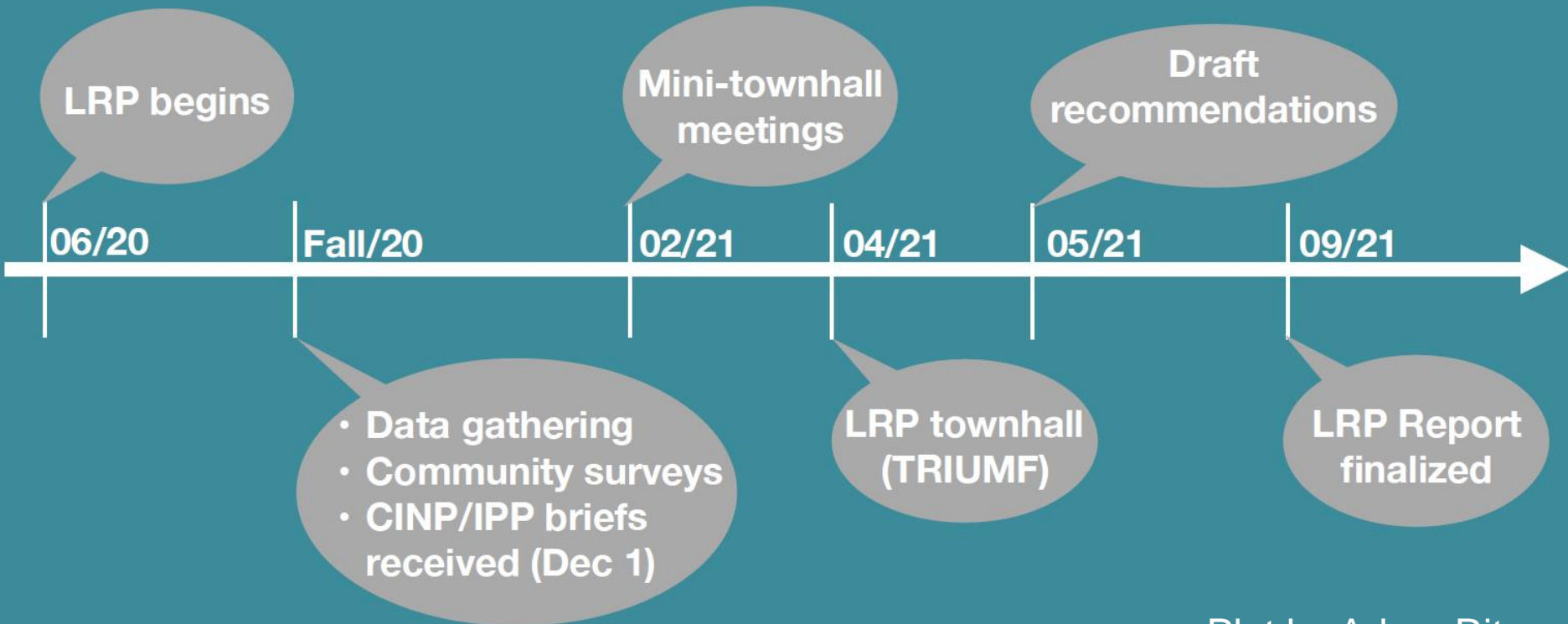


Fig. 1, "Community Profile", Canadian Subatomic Physics Long Range Plan 2017-2021

LRP Schedule



Plot by Adam Ritz

Canadian Institute of Nuclear Physics

Institute Canadien de Physique Nucléaire

Home About CINP Nuclear Physics Programs Outreach Membership Governance

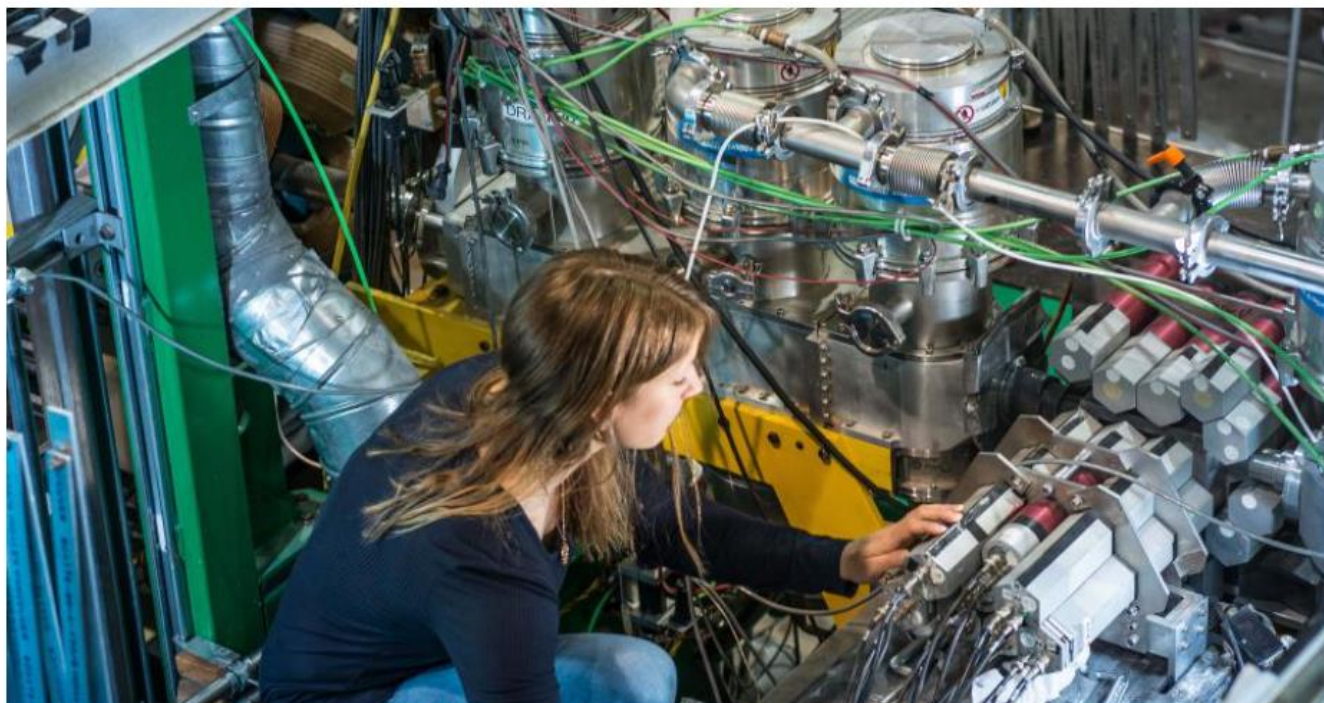
cinp.ca

Information and News

- [Jobs / Announcements](#)
- [Newsletters](#)
- [Conference Support](#)
- [AGM slides](#)
- [CINP White Papers](#)

Scientific Working Groups

- [Overview](#)
- [Nuclear Astrophysics](#)
- [Nuclear Structure](#)
- [Fundamental Symmetries](#)
- [Hadronic Physics/QCD](#)
- [Education and Training](#)



BGO array at ISAC-1

What is the CINP?

- The CINP is a formal organization of the Canadian nuclear physics research community to promote excellence in nuclear research and education, and to advocate the interests and goals of the community both domestically and abroad
 - Federally incorporated under the Canada Not-for-profit Corporations Act
- Represents researchers covering all aspects of experimental and theoretical nuclear physics. Co-ordinates planning on a national scale and exchanges information within and between the various sub-fields of nuclear physics
- Leads initiatives to strengthen the level and quality of nuclear physics research in Canada, including fellowships, undergraduate research scholarships, student travel awards, and targeted conference support

Scientific Working Groups



SWGs facilitate collaboration among researchers with common interests, and to enhance the profile of a specific research area within Canada

- Provide input to CINP external scientific briefs
- Hold topical workshops or other initiatives
- Encourage new collaborative efforts
- Individual Members may belong to one or more SWGs
- Nuclear Theory SWG was created in 2021 in follow up to Long Range Planning consultations

SWG	Chair	Institution
Nuclear Structure	Adam Garnsworthy	TRIUMF
Nuclear Astrophysics	Iris Dillmann	TRIUMF
Fundamental Symmetries	Gerald Gwinner	University of Manitoba
Hadron Structure/QCD	Svetlana Barkanova	Memorial University of Newfoundland
Nuclear Theory	Alexandros Gezerlis	University of Guelph
Nuclear Physics Education and Training	Juliette Mammei	University of Manitoba

CINP role in 2022–26 Long Range Plan



- **CINP is one of three commissioning bodies (with NSERC, IPP) of Canadian Subatomic Physics Long Range Plan**
- CINP Exec Dir is an Ex-Officio member on LRPC, CINP leaders Rituparna Kanungo, Jeff Martin, Juliette Mammei are voting members
- **CINP undertook broad consultation with the Canadian Nuclear Physics Research community**
- **Produced a substantial White Paper: 187 pages that fed into the LRP. Available from cinp.ca**

