

# CINP Hybrid Town Hall Meeting

University of Saskatchewan  
Arts Building Room 214

<https://uregina-ca.zoom.us/j/92781235199?pwd=jWxcRdFqkJnlPrpotNt0N4QvGcoH0X.1>

Zoom Meeting ID: 927 8123 5199 Passcode: 660765

----- FRIDAY June 13 -----

8:15SK Coffee/tea available

## WELCOME & INTRODUCTION

8:30SK/10:30ET/7:30PT Garth Huber (10)

## PLENARY I — Working group chairs give summaries of briefs submitted to date

Opportunity for correcting errors, discussion on scientific progress and priorities.

Chair: Garth Huber

Secretary: Garth Huber

8:40SK/10:40ET/7:40PT	Nuclear Structure — Corina Andreoiu (20+10)
9:10SK/11:10ET/8:10PT	Nuclear Astrophysics — Greg Christian (20+10)
9:40SK/11:40ET/8:40PT	Hadronic Physics/QCD — Svetlana Barkanova (20+10)
10:10SK/12:10ET/9:10PT	Fundamental Symmetries — Jeff Martin (20+10)
10:40SK/12:40ET/9:40PT	Nuclear Theory — Alex Gezerlis (20+10)
11:10SK/13:10ET/10:10PT	Education, Training, EDI — Ruben Sandapen (20+10)
11:40SK/13:40ET/10:40PT	Major Issues for CINP brief, to guide our discussions — Garth Huber (20+10)

Note: CAP Plenary Talk is scheduled for 10:45-11:30

12:10SK/14:10ET/11:10PT **LUNCH BREAK** (35)  
Order your boxed lunch through CAP registration website.  
Coffee/tea will be refreshed around 11:30

## PLENARY II — New projects

From the received briefs, selected new initiatives have been invited to give accessible presentations to the full community on the new scientific opportunities, and projected plans for these new projects

Chair: Garth Huber

Secretary: Garth Huber

12:45SK/14:45ET/11:45PT	Wouter Deconinck - Canadian Participation in the Electron-Ion Collider (10+2)
12:57SK/14:57ET/11:57PT	Rituparna Kanungo - 2-step RIB facility with ISOL & In-flight at TRIUMF (5+5)
13:07SK/15:07ET/12:07PT	Iris Dillmann - TRISR ring for neutron captures on radioactive nuclei (10+2)
13:19SK/15:19ET/12:19PT	Stephan Malbrunot - Radioactive Molecules (10+2)
13:31SK/15:31ET/12:31PT	Eric Hessels - EDMcubed: High-precision measurement of the electric dipole moment of the electron using polar molecules in a cryogenic argon solid (10+2)
13:43SK/15:43ET/12:43PT	Gojko Vujanovic - Nuclear matter under extreme conditions / HPC (10+2)
13:55SK/15:55ET/12:55PT	Andrea Capra - Quantum Sensing for Fundamental Physics (4+2)
14:01SK/16:01ET/13:01PT	Thomas Brunner - nEXO Collaboration mid-term and long-term plans (4+2)

## BREAKOUT SESSIONS

We start with a series of breakout sessions, where each SWG meets to discuss plans and priorities. The sessions are scheduled in series, to allow participation in as many as a person desires.

**NOTE: You are free to come and go as you please. Be considerate when joining ongoing session.**

14:10SK/16:10ET/13:10PT	Nuclear Structure (15) Chair: Corina Andreoiu	Secretary: Greg Christian
14:25SK/16:25ET/13:25PT	Nuclear Astrophysics (15) Chair: Greg Christian	Secretary: Jeff Martin
14:40SK/16:40ET/13:40PT	Hadronic Physics/QCD (15) Chair: Svetlana Barkanova	Secretary: Alex Gezerlis
14:55SK/16:55ET/13:55PT	Fundamental Symmetries (15) Chair: Jeff Martin	Secretary: Corina Andreoiu
15:10SK/17:10ET/14:10PT	Nuclear Theory (15) Chair Alex Gezerlis	Secretary: Svetlana Barkanova/Garth
15:25SK/17:25ET/14:25PT	Education, Training, EDI (15) Chair: Ruben Sandapen	Secretary: Garth Huber
15:40SK/17:40ET/14:40PT	<b>REST BREAK (20)</b> Refreshments are expected to arrive around 15:30	

## PLENARY III — SWG Summaries

Each SWG chair summarizes in 1-2 slides the discussion at their breakout session, as well as their view of important items that need to be highlighted in the CINP Brief.

Chair: Garth Huber

Secretary: Garth Huber

16:00SK/18:00ET/15:00PT	Nuclear Structure — Corina Andreoiu (5)
16:05SK/18:05ET/15:05PT	Nuclear Astrophysics — Greg Christian (5)
16:10SK/18:10ET/15:10PT	Hadronic Physics/QCD — Svetlana Barkanova (5)
16:15SK/18:15ET/15:15PT	Fundamental Symmetries — Jeff Martin (5)
16:20SK/18:20ET/15:20PT	Nuclear Theory — Alex Gezerlis (5)
16:25SK/18:25ET/15:25PT	Education, Training, EDI — Ruben Sandapen (5)

## 16:30SK/18:30ET/15:30PT DISCUSSION — Return to Main Points to emphasize in CINP Brief

Discussion Leader: Garth Huber      Secretaries: Jeff Martin, Alex Gezerlis

- **quick summary of major issues**
- **to do list:**
  - highlights of past accomplishments
  - mid-term vision 2027-34
  - longer term vision 2034-41
  - complementarity of on-shore and off-shore programs
  - HQP, spinoffs, EDI
  - AI, high performance computing needs
  - new technologies, detector development needs
  - appropriate SAP envelope expenditure on MRS, RTI
  - funding agency co-ordination issues (e.g. NSERC/CFI/Computing)
  - any other issues

17:00SK/19:00ET/16:00PT **ADJOURN**