

# Welcome to the Institute for Nuclear Theory

- The INT is a national resource founded in 1990 and funded by the US Department of Energy and the University of Washington.
- It provides an environment for scientists to advance the frontiers of subatomic physics and make connections to developments in other areas of physics, astrophysics and cosmology.
- Scientific meetings at the INT attracts about 400 visitors annually to enable breakthrough discoveries through collaborations.

2025

<p><b>COLLABORATION MEETING</b></p> <p>MARCH 3 - MARCH 14, 2025</p> <p><b>Meeting on Nucleosynthesis Uncertainties (COLLAB)</b></p> <p>Chris Fryer, Falk Herwig, Erika Holmbeck, Alison Laird, Frank Timmes <i>Sponsored by JINA/CeNAM and CNLS</i></p>	<p><b>WORKSHOP</b></p> <p>MARCH 17 - MARCH 21, 2025</p> <p><b>Chiral EFT: New Perspectives (25-92W)</b></p> <p>Ubirajara van Kolck, Vincenzo Cirigliano, Thomas Papenbrock, Maria Piarulli</p> <p>MORE →</p>	<p><b>COLLABORATION MEETING</b></p> <p>MARCH 24 - MARCH 25, 2025</p> <p><b>NP3M Collaboration Meeting (COLLAB)</b></p> <p>Andrew W. Steiner <i>Sponsored by NP3M and NSF</i></p>
<p><b>PROGRAM</b></p> <p>MARCH 31 - APRIL 11, 2025</p> <p><b>Co-design for Fundamental Physics in the Fault-Tolerant Era (IQUS)</b></p> <p><i>Sponsored by IQUS</i></p> <p>MORE →</p>	<p><b>PROGRAM</b></p> <p>MAY 12 - JUNE 20, 2025</p> <p><b>CFNS-INT Joint Program: Precision QCD with the Electron Ion Collider (25-1)</b></p> <p>Renee Fatemi, Huey-Wen Lin, Werner Vogelsang <i>Joint with the Bridging Theory Workshop</i></p> <p>MORE →</p>	<p><b>WORKSHOP</b></p> <p>JUNE 2 - JUNE 6, 2025</p> <p><b>BNL-INT Joint Workshop: Bridging Theory and Experiment at the Electron-Ion Collider (25-93W)</b></p> <p>Alessandro Bacchetta, Wim Cosyn, Felix Ringer, Anna Stasto <i>Joint with the Precision QCD Program</i></p> <p>MORE →</p>
<p><b>PROGRAM</b></p> <p>JUNE 23 - JULY 25, 2025</p> <p><b>Compressible Turbulence: From Cold Atoms to Neutron Star Mergers (25-2a)</b></p> <p>Aurel Bulgac, Gregory Eyink, Michael Forbes, Nir Navon <i>Embedded workshop dates: June 23-27</i></p> <p>MORE →</p>	<p><b>PROGRAM</b></p> <p>AUGUST 18 - AUGUST 29, 2025</p> <p><b>Many-body Quantum Magic (MBQM-2025)</b></p> <p><i>Sponsored by IQUS</i></p> <p>MORE →</p>	<p><b>PROGRAM</b></p> <p>SEPTEMBER 2 - OCTOBER 3, 2025</p> <p><b>From Colliders to the Cosmos: Exploring the Extremes of Matter (25-2b)</b></p> <p>N. Andersson, C. Ratti, B. Sathyaprakash <i>Joint with the Nuclear Physics in Mergers Workshop</i></p>
<p><b>WORKSHOP</b></p> <p>SEPTEMBER 8 - SEPTEMBER 12, 2025</p> <p><b>Nuclear Physics in Mergers - Going Beyond the Equation of State (25-94W)</b></p> <p>A. Haber, E. Most, C. Raithel <i>Joint with the Colliders Program</i></p>	<p><b>PROGRAM</b></p> <p>OCTOBER 27 - NOVEMBER 7, 2025</p> <p><b>The QCD Critical Point: Are We There Yet? (25-3a)</b></p> <p>H. Caines, V. Skokov, A. Sorensen</p>	<p><b>PROGRAM</b></p> <p>DECEMBER 1 - DECEMBER 12, 2025</p> <p><b>Open Quantum Systems: Dissipative Dynamics from Quarks to the Cosmos (25-3b)</b></p> <p>Y. Akamatsu, G. Barenboim, D. Boyanovsky, N. Brambilla, X. Yao</p>

# Reminders and Announcements

**Safety:** Please read the welcome material and be aware of building evacuation procedures.

**Conduct:** Please read and follow the INT code of conduct. If you experience or witness behavior that violates the INT code of conduct, please report it promptly.

**Exit Report:** Provide us feedback (positive and negative).

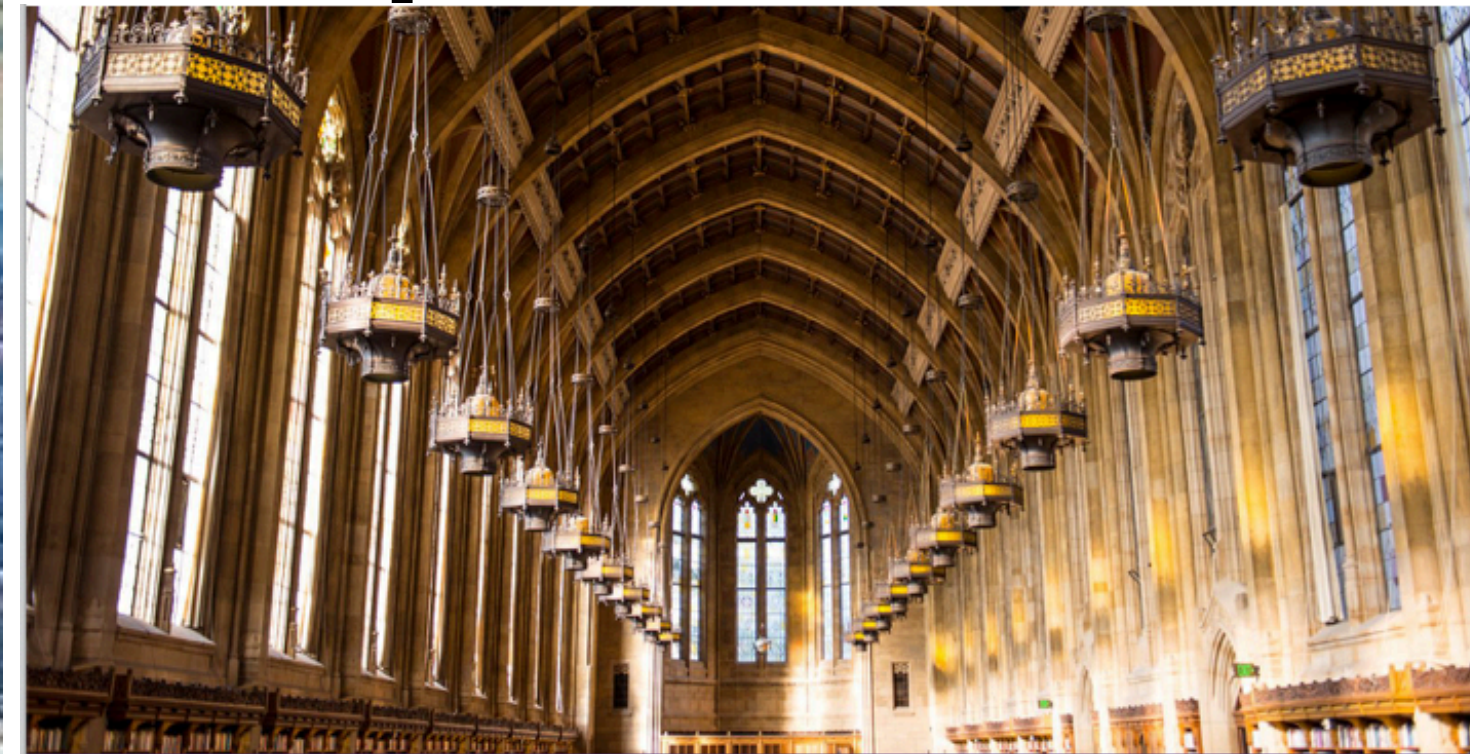
**Pre-print #'s:** Request an INT preprint number and acknowledge the INT in publications that result from interactions during your visit.

**Proposing INT programs:** Consider proposing programs and workshops in 2026 and 2027. The deadline is scheduled for July 2026.

**Collaboration meetings:** We can host collaboration meetings. We provide offices, meeting space, and assistance with arranging lodging, among other services, but we cannot offer financial support.

**Friends of the INT:** Please consider donating to the 'Friends of the INT' fund. This discretionary fund helps support activities that make the INT a fun place to work and visit.

# Take a stroll: The UW Campus is beautiful!



SUZZALLO LIBRARY



The Burke Museum



DRUMHELLER FOUNTAIN



Urban Horticulture Center



Henry Art Gallery



Arboretum