

The background features a teal-to-blue gradient with several circular and semi-circular patterns. A prominent scale on the left side ranges from 40 to 260 in increments of 10. Other elements include dashed lines, solid lines, and arrows, some pointing clockwise and some counter-clockwise, suggesting a technical or scientific theme.

# SNOWMASS NEUTRINO FRONTIER CPM PREPARATION MEETING

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SEPTEMBER 16, 2020

# AGENDA FOR TODAY

- Introduction (this talk):
  - Outcomes of NF Town Hall
  - Status of & plans for LOIs
  - Important Dates
  - NF Planning
- Community Planning Meeting: Patrick Huber
- Early Career Update: Erin Conley
- Topical Group Reports: Topical Group Conveners
  - First look at LOIs
  - Plans for CPM

# NF TOWN HALL

- Town Hall on July 17: <https://indico.fnal.gov/event/43581/>
  - More than 400 people registered, 250 connected at peak
  - Link to recording and minutes available in Indico
- Summary of Town Hall was written up as an LOI: NF135  
[https://www.snowmass21.org/docs/files/summaries/NF/SNOWMASS21-NF0\\_NF0-RF0\\_RF0-CF0\\_CF0-TF0\\_TF0-AF0\\_AF0-IF0\\_IF0-CompF0\\_CompF0-UF0\\_UF0-CommF0\\_CommF0-135.pdf](https://www.snowmass21.org/docs/files/summaries/NF/SNOWMASS21-NF0_NF0-RF0_RF0-CF0_CF0-TF0_TF0-AF0_AF0-IF0_IF0-CompF0_CompF0-UF0_UF0-CommF0_CommF0-135.pdf)
- One major outcome was NF08 → TF11:
  - “...as a result of community input at the Town Hall, after discussion by NF and TF (Theory Frontier) conveners, the NF08 Neutrino Theory topical group has been transferred to the Theory Frontier, as TF11 (but of course will retain strong connections to NF). Liaisons will stay in place. This change is welcomed by both frontiers as sending a positive signal for neutrino theory as a natural part of the overall theory program.”



# IMPORTANT DATES

- **Community Planning Meeting: October 5-8 (<https://indico.fnal.gov/event/44870/>)**
- Neutrino Frontier Workshop: March 15-17 (virtual for general attendees, likely for all)
- Snowmass Summer Study: July 11-20 (w/ DPF meeting adjacent if in person)
- Topical Group Workshops:
  - NF03: September 17, October 1
  - NF02: September 25
  - NF01: October 2, 23, 29
  - NF04: November 9, 16, 30, December 7, 14
  - NF09: December 2-4
  - NF02/03 joint with RF, TF: Feb 24-27 (tentative)
- Snowmass Calendars: <https://snowmass21.org/meetings/start>

# NF PLANNING

- Each frontier must submit a planning document planning path from now to final Snowmass report
  - We submitted a draft to the steering committee for feedback/approval
  - Will share with community once approved; general highlights today
- Expect a whitepaper kickoff meeting in late 2020 to coordinate white paper plans
  - Topical groups may solicit whitepapers or encourage groups to join forces on a whitepaper
  - Not everything needs a whitepaper – many experiments/ideas have extensive documentation already
  - Whitepaper plans/outlines will be needed early in the process to assist in forming the report
- Expect multiple rounds of drafts and community feedback for the report
- Expect a first (very rough) draft of the report before the Neutrino Frontier workshop in March
  - Early drafts stimulate discussion of content and identify holes, not for typo hunting or wordsmithing!