

# Instrumentation Frontier Conveners Meeting

May 5, 2020

Phil Barbeau (Duke), Petra Merkel (Fermilab), Jinlong Zhang (Argonne)

# Updates since last meeting

- Meeting with Energy and Accelerator Frontiers
  - Agreed on common topics and nature of liaisons
- Suggest common workshops with
  - Cosmic – Neutrino – Underground Facilities
  - Energy – Accelerator – Computing – Rare(?)
  - Some time next winter/spring
- Discussing common calendar with all frontiers right now
- Coherent announcement of email lists will soon be done centrally
- There might be a monthly Snowmass news letter

# Liaisons

While most of us will be closely involved also in their science frontier, dedicated liaisons are appointed to build a clear link between groups:

- Ensure that no important topics fall in the cracks
- Important plans are communicated
- Point of contact for community

List of liaisons from our side, most still need to be agreed to from other side:

- Energy Frontier: Maxim Titov
- Neutrino Physics: Mayly Sanchez
- Rare & Precision: Marina Artuso (confirmed)
- Cosmic Frontier: Kent Irwin
- Computational Frontier: Darin Acosta
- Accelerator Frontier: Andy White
- Underground Facilities & Infras.: TBD
- Community Frontier: TBD

# Communication

- Email lists: [at]fnal.gov

SNOWMASS-IF-CONVENERS: communication with Jinlong, Petra, Phil

SNOWMASS-IF-TOPICAL-GP-CONVENERS: communication with all sub-group conveners

SNOWMASS-INSTRUMENTATIONFRONTIER: communication with the whole group, all IF participants

[SNOWMASS-IF-01-QUANTUM-SENSORS](#)

[SNOWMASS-IF-02-PHOTON-DETECTORS](#)

[SNOWMASS-IF-03-SOLIDSTATE-TRACKING](#)

[SNOWMASS-IF-04-TDAQ](#)

[SNOWMASS-IF-05-MPGD](#)

[SNOWMASS-IF-06-CALORIMETRY](#)

[SNOWMASS-IF-07-ELECTRONICS-ASICS](#)

[SNOWMASS-IF-08-NOBLE-ELEMENTS](#)

[SNOWMASS-IF-09-CROSS-CUTTING](#)

- Slack channels:

[snowmass2021/#instrumentation](#)

[Snowmass2021/#instrumentation-group-conveners](#)

[What about topical group channels?](#)

# Organization

- Website: <https://snowmass21.org/instrumentation/start>
  - Please fill in your topical group sites
    - Topical description
    - Regular meetings
    - Plans for workshops
    - Other
- Start reaching out to community, solicit LOIs, organize topical group meetings
- Goal is to have a clear plan for 1<sup>st</sup> workshop (end of June) by our next meeting
- Tbc: next meeting: 5/26 at 2:30pm CDT