

ICARUS:  
Status of Conferences for 2024

V. Paolone (representing ESB)  
(University of Pittsburgh)  
(+M. Betancourt, M. Bonesini, A. Heggestuen, A.  
Menegolli, )

# Conferences 2024

## LIST OF CONFERENCES OF INTEREST FOR ICARUS IN 2024

Conference	Venue	Date	Abstract Submission deadline	Proposed Speaker(s)	Webpage
NPB2024	Hong Kong (China)	February 19-21		<b>C. Marshall (Rochester) - SBN invited</b>	<a href="https://indico.ihep.ac.cn/event/20514/">https://indico.ihep.ac.cn/event/20514/</a>
2nd Short-Baseline Experiment-Theory Workshop	Santa Fe (NM, USA)	April 2-5		<b>A. Campani (INFN Genova) LAr TPC track reconstruction invited talk</b> <b>J. Dyer (CSU) ICARUS BSM invited talk</b> <b>M. Betancourt (FNAL) - ICARUS cross sections invited talk</b>	<a href="https://indico.nevis.columbia.edu/event/6/">https://indico.nevis.columbia.edu/event/6/</a>
APS2024	Sacramento (CA)	April 3-5		<b>H. Carranza (UTA) - parallel</b> <b>A. Heggestuen (CSU) - parallel</b>	<a href="https://april.aps.org/">https://april.aps.org/</a>
NuInt2024	Sao Paulo (Brazil)	April 15-20		<b>M. Betancourt (FNAL) - ICARUS cross sections invited talk</b>	<a href="https://indico.fnal.gov/event/59963/">https://indico.fnal.gov/event/59963/</a>

# Conferences 2024 cont.

Pisameet on Advanced Detectors	La Biodola - Elba (Italy)	May 26 - June 1		<p>F. Poppi (INFN Bologna) - ICARUS poster</p> <p>M. Bonesini (INFN MiB) - poster on laser calibration</p>	<p><a href="https://www.pi.infn.it/pm/">https://www.pi.infn.it/pm/</a></p>
Neutrino 2024	Milan (Italy)	June 16-22	March 9	<p>ICARUS invited talk - D. Gibin (INFN Padova)</p> <p>M. Artero (INFN Padova) - poster</p> <p>M. Cicerchia (INFN Padova) - poster</p> <p>Yeon-Jae Jwa (SLAC)</p> <p>J. Zettlemoyer (FNAL) - poster</p> <p>Ivan Caro Terrazas (CSU) - poster</p> <p>L. Kashur (CSU) - poster</p> <p>G. Putnam (Univ. Chicago) - poster</p> <p>D. Carber (CSU) - poster</p>	<p><a href="https://neutrino2024.org/">https://neutrino2024.org/</a></p>
				<p>A. Campani (INFN Genova) - poster</p> <p>F. Poppi (INFN Bologna) - poster</p> <p>Dae Heun Koh (SLAC)</p>	

# Conferences 2024 cont.

Fermilab Users Meeting	Fermilab (USA)	July 10-12	to be defined yet	ICARUS invited talk M. Mooney (CSU)	
ICHEP2024	Prague (Czechia)	July 18-24	February 29	ICARUS parallel accepted (L. Di Noto)  M. Cicerchia (INFN Padova) - parallel  D. Cherdack (Houston) - parallel	<a href="https://ic hep2024.org/">https://ic hep2024.org/</a>
LIDINE2024	Sao Paulo (Brazil)	August 26-28		Abstract accepted (M. Vicenzi (BNL))	<a href="https://indico.cern.ch/event/1390649/">https://indico.cern.ch/event/1390649/</a>
ICNFP2024	Crete (Greece)	August 25 - September 6	June 20	Abstract accepted for a general ICARUS talk - M. Artero (INFN Padova)  Abstract accepted for parallel on trigger - R. Triozzi (INFN Padova)	<a href="https://indico.cern.ch/event/1307446/">https://indico.cern.ch/event/1307446/</a>
NHEP204	Sfantu Gheorghe (Romania)	September 2-5	June 16	ICARUS invited talk - V. Paolone (Pitt) - CANCELED	<a href="https://indico.cern.ch/event/1353482/">https://indico.cern.ch/event/1353482/</a>
NOW2024	Otranto (Italy)	September 2-14	not defined yet	ICARUS invited - C. Farnese (INFN Padova)  ICARUS parallel - E. Worchester (BNL)	<a href="https://agenda.infn.it/event/39753/">https://agenda.infn.it/event/39753/</a>

# Conferences 2024 cont.

SIF2024	Bologna (Italy)	September 9-13	April 22	<p><b>ICARUS invited talk (L. Pasqualini)</b></p> <p><b>R. Triozzi (INFN Padova) - communication</b></p> <p><b>F. Poppi (INFN Bologna) - communication</b></p> <p><b>V. Brio (INFN Catania) - communication</b></p>	<a href="https://2024.congresso.sif.it/info">https://2024.congresso.sif.it/info</a>
NuFact2024	Argonne (USA)	September 16-21	July 15	<p><b>J. Zettlemoyer (FNAL) - parallel</b></p> <p><b>N. Rowe (UC) - parallel</b></p> <p><b>J. Smedley (Rochester) - parallel</b></p>	<a href="https://indico.fnal.gov/event/63406/">https://indico.fnal.gov/event/63406/</a>
Rencontres de Blois	Blois (France)	October 20-25		<p><b>ICARUS Invited talk: Alice Campani, INFN Genova</b></p>	<a href="http://blois.in2p3.fr/2024/">http://blois.in2p3.fr/2024/</a>
COSMO2024	Kyoto (Japan)	October 21-25	not defined yet		<a href="https://sites.google.com/view/cosmo2024/home">https://sites.google.com/view/cosmo2024/home</a>

# Conferences 2024 cont.

PIC 2024	Athens (Greece)	October 22-25	September 30	<b>Plenary review talk on sterile neutrinos (ICARUS invited) - A. Chatterjee (Ahmedabad)</b>	<a href="https://indico.cern.ch/event/1414470/">https://indico.cern.ch/event/1414470/</a>
NNN24	Rio de Janeiro (Brazil)	October 28 - November 1	September 15	<b>ICARUS invited (L. Pasqualini)</b>	<a href="https://indico.ggte.unicamp.br/event/4/">https://indico.ggte.unicamp.br/event/4/</a>
SILAF AE2024	Mexico City (Mexico)	November 4-8	September 15	<b>ICARUS invited talk: Guadalupe Moreno Granados, VTech</b>	<a href="https://indico.nucleares.unam.mx/event/2125/">https://indico.nucleares.unam.mx/event/2125/</a>
NuDM2024	Cairo (Egypt)	December 11-14	not defined yet		<a href="https://indico.cern.ch/event/1368274/">https://indico.cern.ch/event/1368274/</a>

→ [Link to Conference list for 2024](#)

## Important Deadline:

The APS conference will take place March 16-20 in Anaheim, CA. Details can be found here: <https://summit.aps.org>

## The abstract deadline is October 25, 2024

If you are interested in presenting, please submit your abstract to the ICARUS ESB ([icarus-esb@fnal.gov](mailto:icarus-esb@fnal.gov)) for review by October 21 and notify your group conveners.

# Conferences 2024: Overview

- 2024 conferences are/were fully in-person with some accommodations for remote presentation
- ICARUS statistics for 2024 conferences . Listed are only the talks with an ICARUS speaker.
  - 20 conferences
  - 12 invited talks
  - 2 GS talks for APS 2024 → Deadline for abstracts for APS 2025 October 25
  - 12 GS posters (mostly Neutrino 2024)
- Fall 2024 and future.
  - A significant number of practice talks will/have been organized
  - Please attend if able
    - Useful for GS's to participate - See what's expected from a talk
- When requesting talks please use the official ICARUS ESB mailing list: [icarus-esb@fnal.gov](mailto:icarus-esb@fnal.gov)
- Note for SBN joint talks at conferences: SBN Speakers Committee (SC) is now Official ([sbnd-talks@fnal.gov](mailto:sbnd-talks@fnal.gov)) and ICARUS ESB mailing list

## **Charge:**

The SBN Speakers Committee (SBN SC) is charged with ensuring that the SBN collaborations are well represented at major Physics conferences.

## ***The SBN SC manages invitations in which conferences are interested in a presentation on the SBN program:***

→ However, the SC's of the member SBN collaborations should be involved in the process of speaker selection and in the practice talk organization when needed (*i.e.* in the case in which a single SBN collaboration, or an individual member of one of the collaborations is invited to give a talk covering SBN + other experiments).

→ The committee will maintain a record of all committee members and terms, and of all speakers.

## **Membership of Committee:**

→ The SBN SC is composed of equal number of members from each SBN collaboration Speakers Committees.

→ Participation in the SBN SC of at least one early career collaborator from each member collaboration is encouraged.

→ The SBN SC is co-chaired by one chair from each member collaboration's SC.

→ Membership of the committee will be reviewed by the collaborations every two years.



## *Procedures*

1. Invitation to a single collaboration to give a talk on it's experiment:
  - The collaboration's SC can choose to either present the single experiment activities or to move the talk to a general SBN one.
  - In this case the SC informs the SBN SC and if in agreement the talk becomes a SBN talk and will then select the speaker.
2. A direct invitation to a specific member of a SBN collaboration to give a general SBN talk:
  - Any collaborator who receives such an invitation is expected to inform the SBN SC.
  - The fact that an invitation was received personally may be a factor in the speaker recommendation, but it will not be the sole factor, particularly for a priority conference.
  - Therefore, the SBN SC may either confirm the invitation or contact the conference organizers to agree on a more suitable candidate chosen between the collaborations.
3. Invitation to a single or multiple SBN experiments jointly to give an SBN talk:
  - The relevant SC must contact the SBN SC.
  - Then, via consensus, a speaker from one of the SBN collaborations will be chosen

# Summary

- Good visibility at 2024 conferences  
→ We expect this trend to continue into 2025
- A SBN Speakers Committee has been formed which includes representation from each collaboration
  - The SBN SC will oversee SBN general talks
    - NOW2024: Elizabeth Worcester "Details of oscillation searches at ICARUS and SBN."
  - Members:  
ICARUS: Vittorio Paolone, Anna Heggstuen,  
SBND: Vishvas Pandey and Rhiannon Jones