

# A Brief Announcement from the IUPAP Neutrino Panel

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# What is IUPAP?

International Union of Pure and Applied Physics

□ IUPAP was established in **1922** in Brussel w/ 13 member countries & the 1<sup>st</sup> General Assembly was held in 1923 in Paris.

(currently, 56 member countries in IUPAP)

The union is governed by **General Assembly** which meets every 3 years. The **council** is its top executive body, supervising the activities of **19 international commissions** and 4 affiliated commissions.

{ C4: Astroparticle physics  
C11: Particles and Fields



# What is IUPAP?

International Union of Pure and Applied Physics

## The Aims of the Union:

- To stimulate/promote **international cooperation** in physics
- To sponsor **international meetings**  
& to assist organizing committee
- To foster the preparation & publication of abstract of papers  
& tables of physical constants
- To promote **international agreements** on the use of symbols,  
units, nomenclature and standards
- To foster free circulation of scientists
- To encourage research & education

# IUPAP Neutrino Panel

IUPAP has established the Neutrino Panel  
with the mandate:

“to promote international cooperation  
in the development of **experimental program**  
**to study the properties of neutrinos”**

and

“to promote international collaboration  
in the development of **future neutrino experiments**  
**to establish the properties of neutrinos.”**

# IUPAP Neutrino Panel Members

Total 18 members  
from 11 countries

M. Sajjad Athar	AMU, Aligarh, India
Steve Barwick	UCI Physics and Astronomy
Thomas Brunner	McGill University/TRIUMF
Jun Cao	IHEP, Beijing
Mikhail Danilov	Lebedev Physical Inst., Russian Acad. of Sci.
Renata Zukanovich Funchal	University of São Paulo
Kunio Inoue	Tohoku University
Takaaki Kajita (+)	University of Tokyo
Marek Kowalski	DESY
Manfred Lindner (+)	Max Planck Institute for Nuclear Phys.
Ken Long	Imperial College, London /STFC
Nathalie Palanque-Delabrouille	CEA
Heidi Schellman	Oregon State University
Kate Scholberg	Duke University
Seon-Hee Seo	IBS, Center for Underground Physics
Nigel Smith (+)	SNOLAB
Walter Winter	DESY-Zeuthen
Sam Zeller	Fermilab

(+) Co-chairs

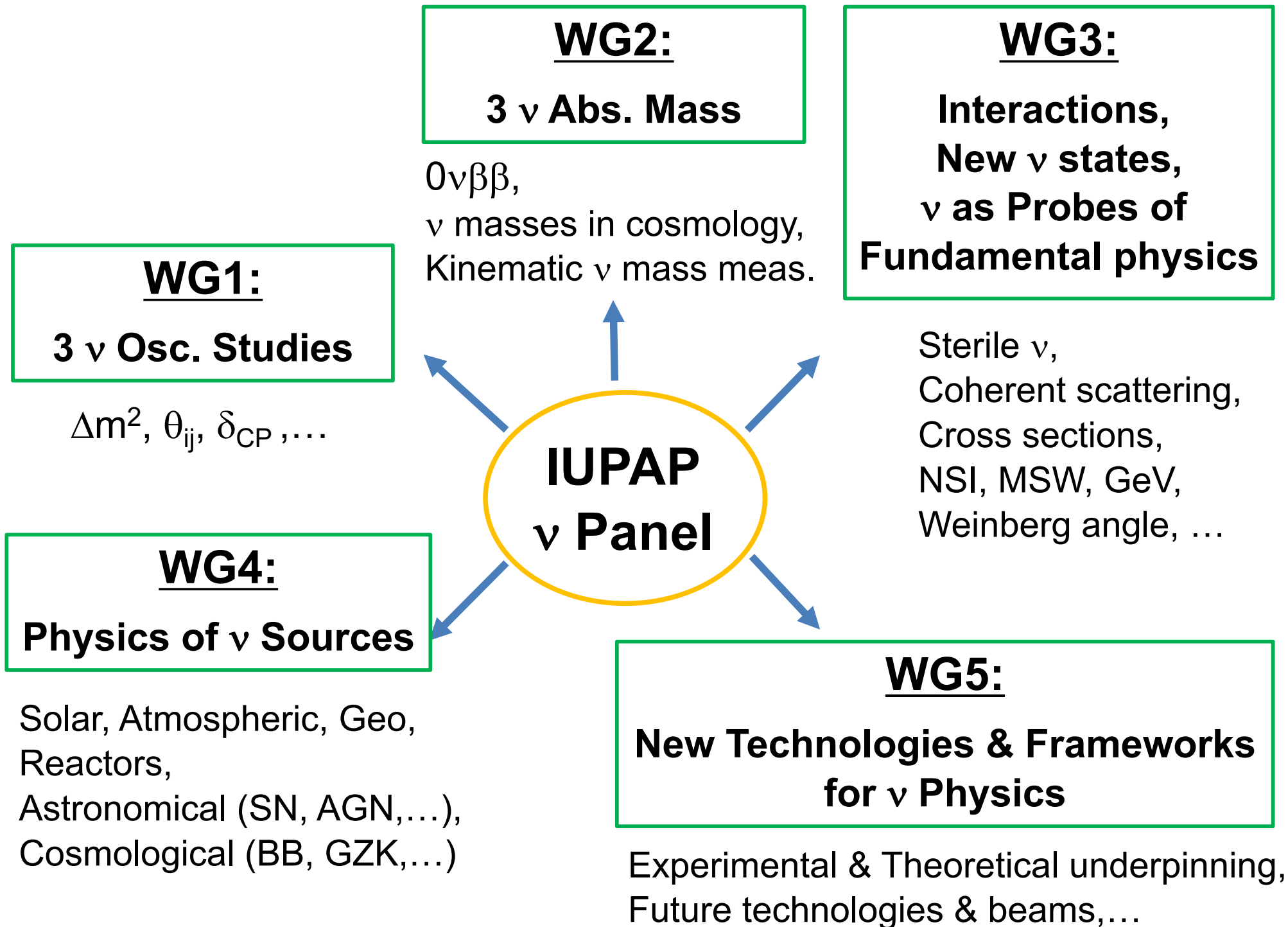
# Objectives of IUPAP $\nu$ Panel

**1. Through consultation w/ the broad neutrino physics community, funding agencies and laboratory management and other stakeholders, the Panel will carry out a review of:**

- (a) The **present status** of the global neutrino physics program and the **development** that can be expected on a 5 to 10-year time scale **through a science driven white paper**.
- (b) The **measurements and R&D** (including software development) that are required for the **near-term** (<10 year) and **medium- to long-term** (10-25 year) programs to fulfil their potential.

**2. The Panel will identify **opportunities** within **neutrino physics**, **mutual benefits** of **global connections** within neutrino physics and other fields, as well as **synergies** of an **international program**.**

**3. The Panel will provide **written updates to the C11 Commission** at key milestones in its program and a **final report to the IUPAP General Council by October 2020**.**



- Five working groups are beginning their activities.
- Expect requests for input from neutrino community in the coming year!

**Thank you very much  
for your inputs and supports !**