

Session Program

23–28 Aug 2026



2nd New Horizons for Psi Workshop

Plenary Session

Monday 24 August

08:45

Plenary Session: Opening Session

09:00

09:00

Plenary Session Session

09:00–09:30

Gravitational waves beyond General Relativity

Speaker

Enrico Barausse

09:30–10:00

Extreme mass-ratio inspirals in scalar cloud environments

Speaker

Richard Brito

10:00

10:30

Plenary Session Session

10:30–11:00

Discovering gravitational atoms with binary systems

Speaker

Giovanni Maria Tomaselli

11:00–11:30

Matters of gravity: the interplay between environmental and beyond-GR effects in asymmetric binaries

Speaker

Andrea Maselli

11:30

11:30

12:00

Plenary Session: Panel discussion Session

Tuesday 25 August

09:00

Plenary Session

Session

09:00–09:30 **TBD**

Speaker

Gilad Perez

09:30–10:00 **GUEST: a mission to fill the microHz gap in GW searches**

Speaker

Diego Blas

10:00

10:30

Plenary Session

Session

11:00–11:30 **Evidence and Constraints on Ultralight Dark Matter**

Speaker

Xiaojun Bi

11:30

11:30

Plenary Session: Panel discussion

Session

12:00

Wednesday 26 August

09:00

Plenary Session Session

09:00–09:30 Can the Universe actually Inflate?**Speaker**
Eugene Lim

10:00

09:30–10:00 Hubble delayed vacuum decay and their gravitational wave signals**Speaker**
Haipeng An

10:30

Plenary Session Session

10:30–11:00 FoPTs, PBHs, SIGWs, and SWs from early Universe**Speaker**
Shao-Jiang Wang

11:00

11:00

Plenary Session: Panel discussion Session

11:30

Thursday 27 August

09:00

Plenary Session

09:00–09:30 **Wave Dark Matter: Stochastic Fluctuation and Gravitational Probes**

Speaker

Hyungjin Kim

10:00

09:30–10:00 **TBD**

Speaker

Arianna Foschi

10:30

Plenary Session

10:30–11:00 **Weighing Dark Matter with Gravitational Waves**

Speaker

Rodrigo Luís Lourenço Vicente

11:30

11:00–11:30 **Why Dark Matter May Have Self-Interactions**

Speaker

Hai-Bo Yu

11:30

Plenary Session: Panel discussion

12:00

16:00

Plenary Session: Miniworkshop: How Feasible Is Gravitational Detection of Dark Matter?

17:00

Session

Friday 28 August

09:00

Plenary Session
Session

09:00–09:30 **Probing ultralight axion-like dark matter with pulsar arrays**

Speaker
Jing Ren

09:30–10:00 **Quantum Evolution of a Superradiant Cloud**

Speaker
Hidetoshi Omiya

10:00

10:30

Plenary Session
Session

10:30–11:00 **Black hole superradiance and beyond**

Speaker
Nils Siemonsen

11:00–11:30 **Rotating Real Scalar Condensate**

Speaker
Hong Zhang

11:30

11:30

Plenary Session: Panel discussion
Session

12:00

12:00

Plenary Session: Closing remarks
Session

12:10