



# CPNR-OMEG Joint Workshop on Neutrino, Nuclear, and Nuclear Astrophysics

## Thursday, May 21, 2026

### Afternoon session: OMEG I - 1st floor, Science hall (2:00 PM - 4:00 PM)

-Conveners:

time	[id] title	presenter
2:00 P	[M2] OMEG 1 - Neutrino and Photon in the cooling phase of Supernova, RHIC and Early Universe	Prof. □, □□
3:00 P	[M3] OMEG 2 - TOPSEGI: A Flexible Python Program for High-Resolution Infrared Molecular Analysis.	Mr □, □□
3:30 P	[M] CPNR 1 - HK:Hyper-Kamiokande experiments and its physics potential	Mr □, □□

### Afternoon session: CPNR I - 1st floor, Science hall (4:30 PM - 7:00 PM)

-Conveners:

time	[id] title	presenter
4:30 P	[M4] OMEG 3 - Impact of $g_A$ quenching and effective mass in dense matter on type-II supernovae in GR1D Simulations	Mr □, □□
5:00 P	[M1] Invited Speakers I - Prospects for RAON Experiments with KISTI-6 Supercomputer	Prof. □, □□
6:00 P	[M8] Invited Speakers II: Control of physical properties and device applications of colloidal quantum dots	Prof. □, □□