

SN2025gw: First IGWN Symposium on Core Collapse Supernova Gravitational Wave Theory and Detection

Monday 21 July 2025

Theory: Lecture 1 - Room 0.06 (09:00 - 09:45)

-Conveners: Bernhard Mueller

Theory: Lecture 2 - Room 0.06 (10:15 - 11:00)

-Conveners: Bernhard Mueller

Theory: Contributed Presentations 1 - Room 0.06 (14:00 - 15:20)

time	[id] title	presenter
14:00	[21] The MHD-CCSN code comparison project	BUGLI, Matteo
14:20	[27] Core-Collapse Supernova Simulations with a Multidimensional Full Boltzmann Solver in Gmunu	LI, Tjonnie
14:40	[15] Core-collapse Supernova Simulation with Subgrid Modeling of Fast Neutrino Flavor Conversion with Boltzmann Radiation Hydrodynamics Code	AKAHO, Ryuichiro
15:00	[2] Low-Frequency Gravitational Waves from Core-Collapse Supernovae: Theory and Detection Prospects	RICHARDSON, Colter

Theory: Discussion - Room 0.06 (17:00 - 18:30)

Tuesday 22 July 2025

Theory: Contributed Presentations 2 - Room 0.06 (14:00 - 15:20)

time	[id] title	presenter
14:00	[9] Gravitational Wave Emissions From Magnetized Core-Collapse Supernova Simulations	PAN, Kuo-Chuan
14:20	[29] Multi-Messenger Signals from Magnetorotational Stellar Core Collapse	SHIBAGAKI, Shota
14:40	[26] Gravitational wave signal of protoneutron star convection	GUILLET, Jérôme
15:00	[1] Neutrino Flavor Conversion in Supernovae: Quantum Kinetics and Astrophysical Implications	ZAIZEN, Masamichi