

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

Monday 21 July 2025

Poster Sparkler - Room 0.06 (16:30 - 16:50)

time	[id] title	presenter
16:30	[35] Accessing explosion properties in a core-collapse supernova through the star's emission regions.	PADHI, Brajesh Kumar
16:32	[5] GRMHD Simulations of Black Hole–Disk Systems: Heavy Element Nucleosynthesis and Implications for r-Process Sites	SAJI, Joseph
16:34	[70] 3D numerical study of gravitational-wave signatures from magnetorotational effects in extreme core-collapse supernovae.	KOVALENKO, Liubov
16:36	[18] Numerical GRMHD Simulations of Self-Gravitating Collapsing Stars	PŁONKA, Piotr
16:38	[20] Measuring the core-collapse supernova(CCSN) engine dynamics with GWs	ROY, Sreeta
16:40	[37] Accessing explosion properties in a core-collapse supernova through the gravitational-wave source angular dependence	Mr MANNA, Pratul
16:42	[28] Deep Conditional Generative Adversarial Networks for Rapidly Rotating Core-Collapse Supernovae Gravitational Waves	GARCIA, Jossian

Tuesday 22 July 2025

Poster Sparkler - Room 0.06 (16:30 - 16:50)

time	[id] title	presenter
16:30	[44] Online infrastructure for detecting the presence of the Standing Accretion Shock Instability in CCSNe GW candidates	BIEHLE, Miriam
16:32	[38] Distinguishing Signatures of Prompt Convection in Core-Collapse Supernovae Using Coherent WaveBurst Gravitational Wave Searches	WINNEY, Sophia
16:34	[40] Core-collapse supernova gravitational-wave sounds	ZDUNKIEWICZ, Jan SZCZEPANCZYK, Marek
16:36	[45] Core-collapse supernova gravitational-wave data representation	CZENESZEW, Stanisław
16:38	[39] Single detector search for Core Collapse Supernova using Matching Learning	CHEN, Andy
16:40	[42] Core-collapse supernova gravitational-wave physical inference - estimating the time of the Ledoux convection	KALWAK, Paweł
16:42	[43] Rapid Accessing Explosion Properties in a Core-Collapse Supernova - Oscillations of the Newly Formed Proto-Neutron Star	KORENSKY, Olivia