

Taiwan's Contributions to the International Gravitational-Wave Observatory Network (IGWN)

國際重力波天文台網絡中台灣的貢獻

Chair: Albert Kong

15:00 – 15:10	Introduction to IGWN and IGWN Program	Albert Kong
15:10 – 15:22	Plans of the Academia Sinica Team in IGWN	Henry Wong
15:22 – 15:34	Construction of Remote Control Room of Gravitational Wave Detector in Asia	Yuki Inoue
15:34 – 15:46	Quantum Noise Reduction in KAGRA	Ray-Kuang Lee
15:46 – 15:58	Taiwan's Contribution to Multi-Messenger Transient Searches Accompanied by Gravitational Waves in IGWN	Surojit Saha
15:58 – 16:10	Glitch classification by ML	Yi Yang
16:10 – 16:20	Noise Subtraction of KAGRA Data	Chia-Jui Chou
16:20 – 16:30	Enhancing Core-Collapse Supernova Gravitational Wave Searches with Machine Learning	Andy Chen