



# The 9th KAGRA International Workshop

## Wednesday 08 June 2022

### Instrument R&D (13:00-15:40)

time	[id] title	presenter
13:00	[45] Development of the KAGRA filter cavity and frequency dependent squeezing	Michael Page
13:30	[46] Advanced R&D activities for KAGRA and other detectors	Kentaro Somiya
14:00	[47] Development of sapphire substrates for KAGRA	Matteo Leonardi
14:30	Break Time	
14:40	[48] Status of Einstein Telescope	Alessio Rocchi
15:10	[49] 13.8 dB squeezed vacuum state for the 3G gravitational wave detector	Wei Li