

Asia-Pacific School and Workshop on Gravitation and Cosmology 2022

Saturday 19 March 2022 - Tuesday 22 March 2022

online

Scientific Programme

The topics to be covered by the school/workshop include

- Gravitational waves
- Numerical relativity
- Black hole physics
- Cosmic microwave background
- Inflationary universe
- Dark matter and dark energy
- Quantum gravity

Invited Lecturers :

Yuki Inoue, National Central University, Taiwan

"Frontier of Gravitational wave physics and Multi-messenger astronomy"

David Kubiznak, Charles University, Czech Republic/Perimeter Institute, Canada

"Hidden symmetries and black holes"

Levon Pogossian, Simon Fraser University, Canada

"A theorist's perspective on the Hubble tension"

Chul-Moon Yoo, Nagoya University, Japan

"The basics of primordial black hole formation and its application"