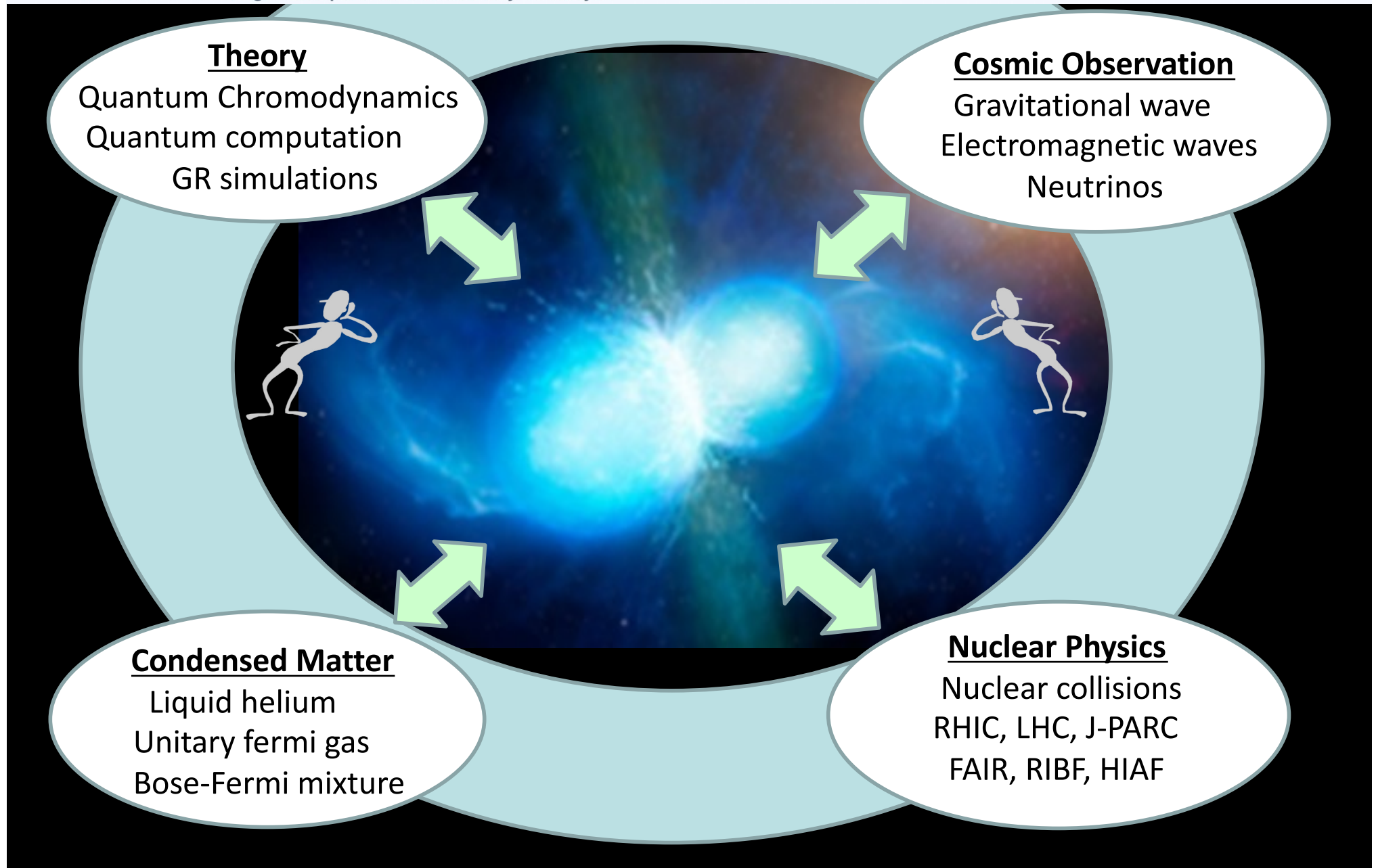


From Quarks to Neutron Stars: Insights from kHz gravitational waves

23–24 Apr 2025
Koshiba Hall, Hongo Campus, The University of Tokyo

Tetsuo Hatsuda (RIKEN)



Neutron Star Collision (music, 2010)



Muse - Neutron Star Collision (Love is Forever)
<https://www.youtube.com/watch?v=MTvgnYGu9bg>

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This workshop aims to explore the transformative potential of high-frequency gravitational wave observations for multi-messenger astrophysics, with a focus on their implications for nuclear and neutron star physics.

Science topics

- Nuclear physics
- Neutron Stars
- Neutron Star Mergers
- Supernovae
- Gravitational waves (both theory and experiment)
- Electromagnetic observations
- Neutrino astrophysics



QNSI



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RIKEN Interdisciplinary
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Organizing Committee

Masaki Ando (UTokyo/ASPIRE)
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Next event ?