

# **DKGWEM-2020: GRAVITATIONAL WAVE SCIENCE IN DENMARK**

**Friday 31 January 2020 - Friday 31 January 2020**

**Niels Bohr Institute**

## **Scientific Programme**

**WELCOME:**

- 10:15 - 10:45: Check in + morning coffee (AUD C)
- 10:45 - 10:50: Welcome (Johan Samsing)
- 10:50 - 11:00: Introduce yourself (round-the-table)

**TALK SEC 1:**

- 11:00 - 11:15: Alejandro Vigna Gomez "Binary Evolution Leading to DNS Formation"
- 11:15 - 11:30: Thomas Tauris "Milky Way LISA sources"
- 11:30 - 11:45: Sofie Schroeder "Stellar winds in binary stars"
- 11:45 - 12:00: Luca Izzo "Kilanova Host Galaxies"

**LUNCH:**

- 12:00 - 13:00: Lunch/Individual discussions

**TALK SEC 2:**

- 13:00 - 13:15: Martin Sloth "Probing Aspects of Cosmology with GWs"
- 13:15 - 13:30: Florian Niedermann "GWs from an Early Universe Phase-transition"
- 13:30 - 13:45: Radek Wojtak "The H0 tension and GW Standard Sirens"
- 13:45 - 14:00: Irene Tamborra "Correlations Between Neutrinos and GWs in Supernovae"

**COFFEE:**

- 14:00 - 15:00: Coffee/Individual discussions

**TALK SEC 3:**

- 15:00 - 15:15: Ross Church "The Seeds of Super-massive Black Holes"
- 15:15 - 15:30: Roman Gold "The Picture of M87\* taken by the Event Horizon Telescope"
- 15:30 - 15:45: Abbas Askar "GW Sources Originating from Globular Clusters"
- 15:45 - 16:00: Johan Samsing "Probing the origin of GW sources"

**WRAP UP:**

- 16:00 - 16:25: Open discussion
- 16:25 - 16:30: Final remarks (Johan Samsing)