

Session Program

11-13 Nov 2019

Gravitational Wave Probes of Fundamental Physics

Overview talks

Volkshotel, Amsterdam, The Netherlands, Riet
Wibautstraat 150 1091 GR Amsterdam

Monday 11 November

13:10



14:10

Overview talks

Session | **Location:** Volkshotel, Amsterdam, The Netherlands, Riet, Wibautstraat 150 1091 GR Amsterdam

13:10–13:40

Dense matter equation of state constraints from NICER

Speaker
Anna Watts

13:40–14:10

Gravitational-wave echoes

Speaker
Paolo Pani

Tuesday 12 November

09:00

Overview talks

Session | **Location:** Volkshotel, Amsterdam, The Netherlands, Riet, Wibautstraat 150 1091 GR Amsterdam

09:00–09:30

Cosmological Tests of Gravity with Gravitational Waves

Speaker

Tessa Baker

10:00

09:30–10:00

New prospects in numerical relativity

Speaker

helvi witek

14:00

Overview talks

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14:00–14:30

Hearing the sirens of the early Universe: Primordial Black Holes and Gravitational Waves

Speaker

Bradley Kavanagh

15:00

14:30–15:00

Simulating black hole dynamics and gravitational wave emission in galactic-scale simulations

Speaker

Peter Johansson

Wednesday 13 November

09:00

Overview talks

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09:00–09:30 **Clarifying the Hubble Constant Tension**

Speaker
Stephen Feeney

10:00

09:30–10:00 **Phase Transitions, Dark Sectors and Gravitational Waves**

Speaker
Pedro Klaus Schwaller

14:10

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14:10–14:40 **Gravitational probes of exotic compact objects**

Speaker
Dr Djuna Croon

14:40