Session Program

1–3 Jun 2026



6th EPS Conference on Gravitation

Contributed Talks

University of Stavanger , Ullandhaug Campus, AR Ø-110

Monday 1 June

14:30

Contributed Talks: Monday I

Session | **Location:** University of Stavanger , Ullandhaug Campus, AR Ø-110

14:30–14:50 **TBA**

Speaker
Germano Nardini

14:50–15:10 **Extended quintessence**

Speaker
Abdolali Banihashemi

15:10–15:30 **Stochastic scalar-tensor theories**

Speaker
Yoann Launay

15:30

16:00

Contributed Talks: Monday II

Session | **Location:** University of Stavanger , Ullandhaug Campus, AR Ø-110

16:00–16:20
Tests of general relativity with the gravitational wave transient catalog 4.0

Speaker
Ofek Birnholtz

16:20–16:40
Measuring cosmic expansion with gravitational waves: hints from binary black hole-galaxy cross-correlations

Speaker
Sayantani Bera

16:40–17:00
High precision predictions for next generation gravitational wave observatories: the post-Newtonian frontier at the seventh order

Speaker
Matteo Pegorin

17:00

Tuesday 2 June

14:30

Contributed Talks: Tuesday I

Session | **Location:** University of Stavanger , Ullandhaug Campus, AR Ø-110

14:30–14:50 **Heisenberg dynamics of quantum particle in curved spacetime**

Speaker
Otto Kong

14:50–15:10 **Quantum measure in Regge calculus**

Speaker
Gabriele Gionti

15:10–15:30
When dimensions become quantum: Toward a new approach to quantum gravity

Speaker
Mikolaj Myszkowski

15:30

16:00

Contributed Talks: Tuesday II

Session | **Location:** University of Stavanger , Ullandhaug Campus, AR Ø-110

16:00–16:20 **Late-time phase transitions in cosmological simulations**

Speaker
Øyvind Christiansen

16:20–16:40
Cosmological first-order phase transitions with large bubbles: Beyond conformal fluid and flat spacetime

Speaker
Lorenzo Giombi

16:40–17:00 **Gravitational wave signals from cosmic strings with backreaction**

Speaker
Lasse Gerblich

17:00

Wednesday 3 June

10:40

Contributed Talks: Wednesday

Session | **Location:** University of Stavanger , Ullandhaug Campus, AR Ø-110

10:40–11:00

On the diversity of dwarf galaxies in multi-component dark matter scenarios

Speaker
Jessica Lopez-Sanchez

11:00–11:20

Non-linear dynamics during kination

Speaker
Panagiotis Giannadakis

11:20–11:40

Real-time cosmology in relativistic N-body simulations

Speaker
Alexander Oestreicher

11:40–12:00

Warp drive: A gedankenexperiment taken too far

Speaker
Hamed Barzegar

12:00–12:20

Gravity and topological field theory

Speaker
Eirik Svanes

12:20