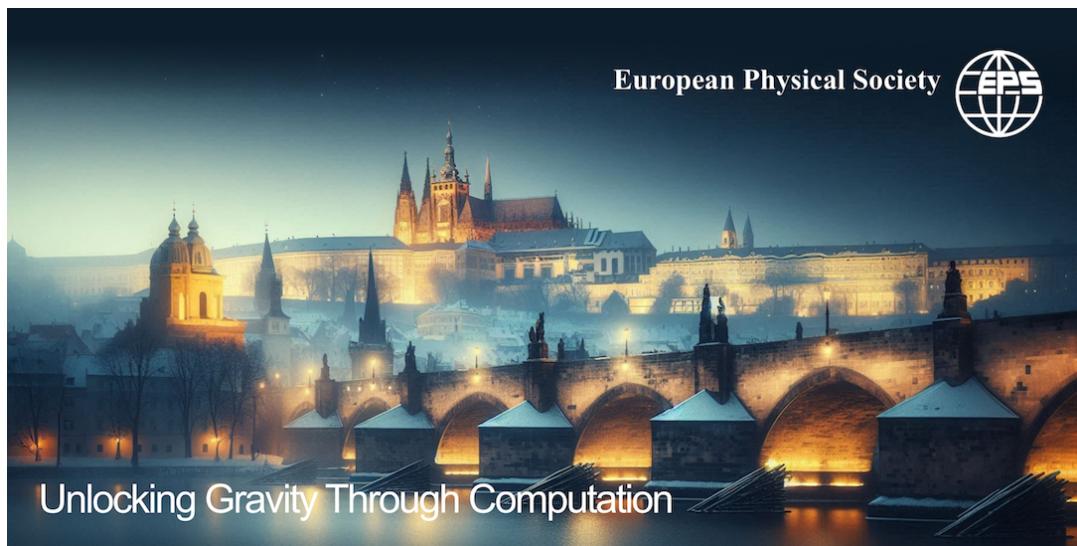


Session Program

9-11 Dec 2024



5th EPS Conference on Gravitation

Contributed talks (15+5 min each)

Czech Academy of Sciences, Prague, Hall 206
Národní trida 3 117 20 Prague 1 Czech Republic

Monday 9 December

13:55

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

13:55-14:15 **Unlocking the spin foam path integral**

Speaker

Sebastian Steinhaus

14:15-14:35 **Open issues in the construction of non-singular black holes**

Speaker

Francesco Di Filippo

14:35-14:55 **Do we live inside a Hayward black hole?**

Speaker

Michał Bobera

14:55

16:00

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

16:00-16:20 **Linear perturbations of the Kerr spacetime in quadratic gravity**

Speaker

Robert Svárc

16:20-16:40 **Hamiltonian charges and boundary effects in gravitational systems**

Speaker

Gloria Odak

16:40-17:00 **Covariant phase spaces beyond diffeomorphism invariance**

Speaker

Marek Liška

17:00

Tuesday 10 December

13:55

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

13:55-14:15 **Homogenous symmetry operators in Kerr-NUT-AdS spacetimes**

Speaker

David Kubiznak

14:15-14:35

Post-merger gravitational wave signals from binary neutron stars: effect of the magnetic field

Speaker

Milton Ruiz

14:35-14:55 **Compact binary formation history from cross-correlation studies**

Speaker

Kabir Chakravarti

14:55

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

16:00-16:20

Repeating nuclear transients as Extreme-Mass Ratio Inspirals counterparts

Speaker

Petra Suková

16:20-16:40

Spin signatures on the solution and emission spectra of accretion flows around black holes

Speaker

Shilpa Sarkar

16:40-17:00 **Measuring the spacetime of SMBH with pulsar timing**

Speaker

Zexin Hu

17:00

Wednesday 11 December

13:55

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

13:55-14:15 **Solving Teukolsky equation to compute extreme mass ratio inspirals**

Speaker

Georgios Loukes-Gerakopoulos

14:15-14:35 **An effective-one-body model for large-mass-ratio black hole binaries**

Speaker

Angelica Albertini

14:35-14:55

Post-Minkowskian self-force in the low-velocity limit: scalar field scattering

Speaker

Davide Usseglio

14:55

16:00

Contributed talks (15+5 min each)

Session | Location: Czech Academy of Sciences, Hall 206

16:00-16:20

Searching for gravitational waves in real LIGO noise using neural networks

Speaker

Ondřej Zelenka

16:20-16:40

Reconstruction of the WLP metric for stationary and axially symmetric gravitation perturbation

Speaker

David Kofron

16:40-17:00

Quasinormal modes of black holes encircled by a disk

Speaker

Petr Kotlárk

17:00