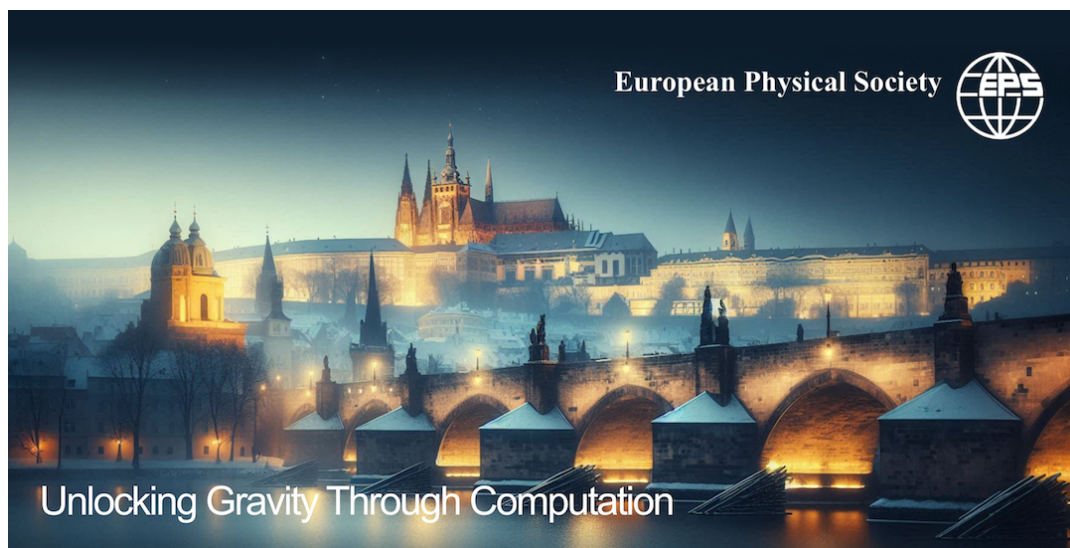


## **Session Program**

**9-11 Dec 2024**



## **5th EPS Conference on Gravitation**

### **Contributed talks (15+5 min each)**

Czech Academy of Sciences, Prague, Hall 206  
Národní třída 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**

Michal Bobula

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 Svarc

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

16:00

## 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 Kotlařík

17:00