



XXVII GIAMBIAGI WINTER SCHOOL

# HOLOGRAPHY, BLACK HOLES AND INFORMATION THEORY

The school will focus on recent developments in theoretical high-energy physics, including the AdS/CFT correspondence and its ramifications, the quantum description of black holes, and the applications of quantum information theory to quantum field theory and quantum gravity. It is intended mainly for PhD students, postdocs, and advanced undergraduate students. There will be no registration fee.

## SPEAKERS

### Pablo Bueno

Universitat de Barcelona, Spain

### Horacio Casini

Instituto Balseiro, Bariloche, Argentina

### José Edelstein

Universidad de Santiago de Compostela, Spain

### Johanna Erdmenger

Julius-Maximilians-Universität Würzburg, Germany

### Gaston Giribet

New York University, USA

### Juan Maldacena

Institute for Advanced Study, Princeton, USA

### Tadashi Takayanagi

Kyoto University, Japan

### Gonzalo Torroba

Instituto Balseiro, Bariloche, Argentina

**21 - 26 July 2025**  
**Buenos Aires, Argentina**

**Registration:**  
**February 3 - March 7, 2025**

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## ORGANIZERS

David Blanco  
Alan Garbarz  
Andrés Goya  
Mauricio Leston  
Guillem Pérez-Nadal

University of Buenos Aires and CONICET,  
Argentina

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## FURTHER INFORMATION

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🌐 <https://giambiagi2025.df.uba.ar/>

**Departamento de Física**  
**.UBAexactas** 