

# Quantum Gravity and the Laws of Nature

Organizers: Baptiste Le Bihan, Emilia Margoni,  
Maria Nørgaard (technical support)  
Université de Genève, Colladon  
Rue Jean-Daniel Colladon 2

## Workshop program

**Thursday, 12.12.2024**

|                                |                                                                             |
|--------------------------------|-----------------------------------------------------------------------------|
| <i>Chair: Timotheus Riedel</i> |                                                                             |
| 10:45-11:45                    | Alexandre Guay: Is there an explanation of change?                          |
| 11:45 - 12:15                  | <b>Coffee break</b>                                                         |
| 12:15-13:15                    | Daniele Oriti: The many (quantum and gravitational) challenges to Humeanism |

13:15 - 14:45 **Lunch break**

|                            |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| <i>Chair: Enrico Cinti</i> |                                                                                    |
| 14:45 - 15:45              | Emily Adlam: Quantum gravity versus quiddities                                     |
| 15:45 - 16:15              | <b>Coffee break</b>                                                                |
| 16:15-17:15                | Daniel Grimmer: Undercutting the Spatiotemporal Underpinnings of the Humean Mosaic |

19:00 **Workshop dinner** (Ou Bien Encore, Rue des Bains 61)

**Friday, 13.12.2024**

|                              |                                                                         |
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| <i>Chair: Elisa Ballabio</i> |                                                                         |
| 09:00-10:00                  | Annica Vieser: Physical Possibility Beyond Spacetime                    |
| 10:00 - 10:30                | <b>Coffee break</b>                                                     |
| 10:30-11:30                  | Christian Wüthrich: Laws for quantum gravity reloaded                   |
| 11:30-12:30                  | Laurie Letertre: Laws as global constraints in the absence of spacetime |