

# "Leibniz's Principle of Identity of Indiscernibles and its Repercussion in Physics and Mathematics"

**25 | 26 | 27** de abril de 2019

**Sede Universidad CAECE**  
Av. de Mayo 866, CABA, Argentina

**Comité organizador:** Gabriel Catren, Oscar Miguel Esquisabel, Brice Halimi y David Rabouin.

Este Congreso es el evento inaugural del Laboratoire International Associé (LIA) "Identities, Forces, Quanta. Philosophy of Gauge and Quantum Systems in the Light of the Homotopical Reconceptualization of the Notion of Identity in Mathematics" (Universidad CAECE, CNRS, Université Paris Diderot).



## PROGRAMA

### Jueves 25

#### MAÑANA:

- ▶ **10.30h.** Recepción.
- ▶ **11.00h.** David Rabouin, SPHERE - CNRS/Université Paris Diderot:
  - ▶ Leibniz's principles of indiscernibles and reduction to identities

#### TARDE:

- ▶ **14.30h.** Oscar Miguel Esquisabel, IESCT/Universidad Nacional de Quilmes-CONICET/Universidad Católica Argentina:
  - ▶ Similarity and Identity of Form in Leibniz
- ▶ **16.00h.** Federico Raffo Quintana, IESCT/Universidad Nacional de Quilmes-CONICET/Universidad Católica Argentina:
  - ▶ Ad-identity in Leibniz's Arithmetics

### Viernes 26

#### MAÑANA:

- ▶ **10.00h.** Eduardo N. Giovannini, CONICET-Universidad de Buenos Aires, IIEP-BAIRES:
  - ▶ Modern geometry, number and abstraction principles
- ▶ **11.30h.** Sandra Visokolskiš, Universidad de Villa María, Córdoba:
  - ▶ Styles of invariance as modes of identity: A case study

#### TARDE:

- ▶ **14.30h.** Brice Halimi, IRePh/Université Paris-Nanterre:
  - ▶ Indiscernability and genericity in mathematics and beyond
- ▶ **16.00h.** Javier Legris, FCE-UBA/CONICET:
  - ▶ Icons for Identity, Pierce's Beta Graphs

### Sábado 27

#### MAÑANA:

- ▶ **10.00h.** Elie During, IRePh/Université Paris-Nanterre:
  - ▶ Identity sub specie durationis
- ▶ **11.30h.** Olimpia Lombardi, CONICET/Universidad de Buenos Aires:
  - ▶ Identity and indistinguishability in a quantum ontology of properties

#### TARDE:

- ▶ **14.30h.** Décio Krause, Federal University of Santa Catarina:
  - ▶ What is identity? Should it enter the quantum realm?
- ▶ **16.00h.** Federico Holik, Instituto de Física La Plata, CONICET:
  - ▶ Non-individuality and contextuality in the quantum formalism.