



UNIVERSITÉ
DE GENÈVE

FACULTÉ DES LETTRES
Département de philosophie

Indeterminism

At the Crossroad of Philosophy and Physics

University of Geneva
16 & 17 November 2017
Salle A109



CONFÉRENCE UNIVERSITAIRE
DE SUISSE OCCIDENTALE

Thursday 16 November 2017

14:00-15:00 Tim Palmer

*Indeterminism vs computationally irreducible determinism:
New approaches to understanding the Bell theorem*

15:05-16:05 Jean Bricmont
A strange sort of determinism

16:05-16:35 Coffee break

16:35-17:35 Fabrice Correia
Indeterminism and the growing block theory of time

17:40-18:40 Anna Marmodoro
Probabilistic powers?

19:00 Dinner at *L'Italia*

Friday 17 November 2017

9:00-10:00 Juliusz Doboszewski

Making the notion of determinism precise in general relativity

10:00-10:20 Coffee break

10:20-11:20 Vincent Ardourel
Brownian motion, infinite limit, and emergence of stochasticity

11:25-12:25 Renato Renner
Can quantum mechanics describe an agent who uses quantum mechanics?

12:25-14:00 Lunch at *Uni Dufour*

14:00-15:00 Amin Baumeler
Reversible time travel with freedom of choice and its implications for computation

15:00-15:30 Coffee break

15:30-16:30 Nicolas Gisin
Non-determinism in Physics