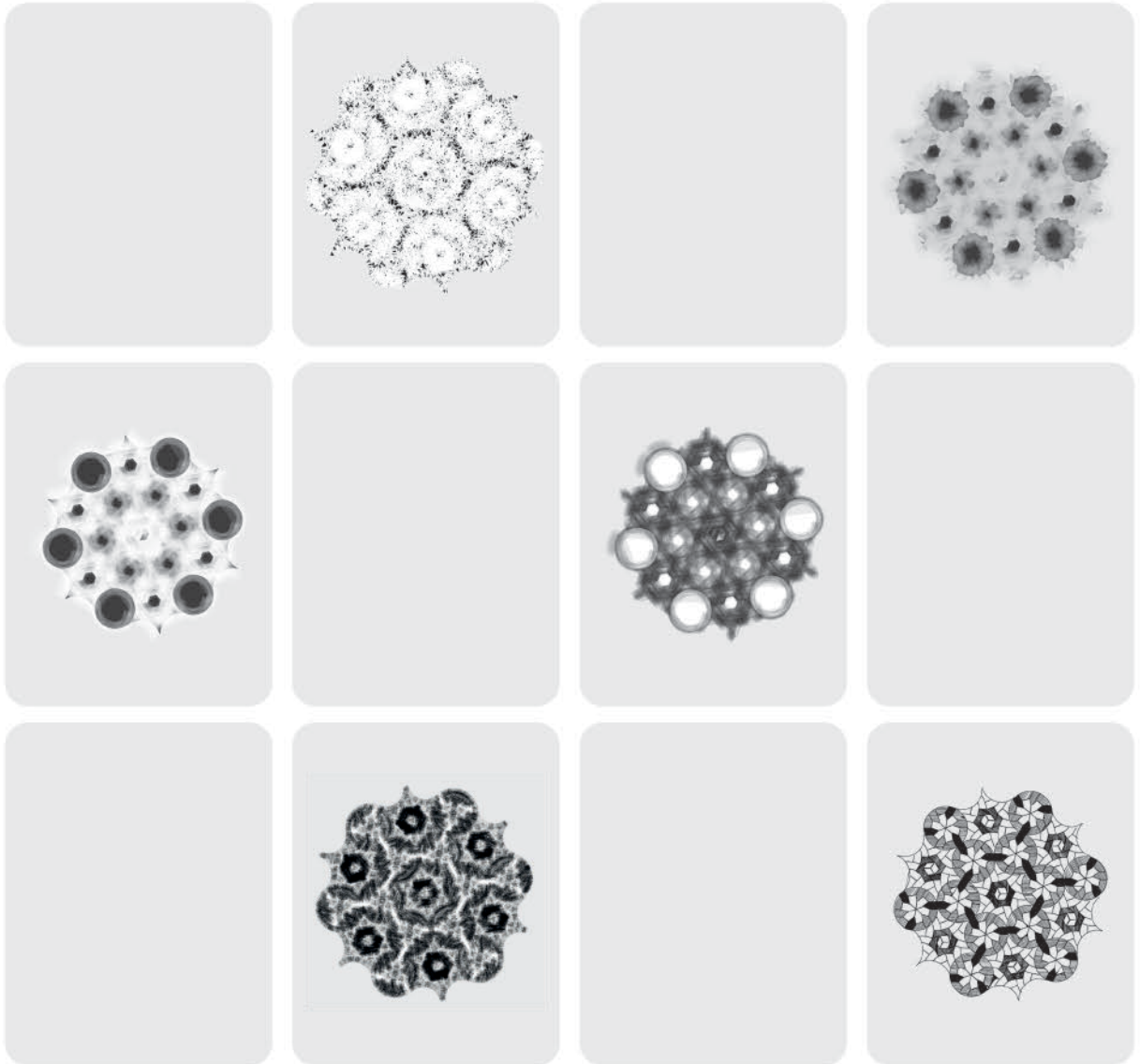


Programme



On the nature of variation: Random, biased and directional

Lisbon, October 3-4, 2017
Anfiteatro da Fundação
Faculdade de Ciências da Universidade de Lisboa

On the nature of variation: random, biased and directional

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Anfiteatro da Fundação, Faculdade de Ciências da Universidade de Lisboa

OCTOBER 3

9.45-10.00 *Welcome*

10.00-11.00 | Pietro Corsi

University of Oxford, UK and EHESS Paris, France

The inheritance of acquired characteristics:

Darwin vs Lamarck, or Darwin and Lamarck?

11.00-11.30 | David Suárez Pascal

Universidad Nacional Autónoma de México, México

A function-based analysis of randomness in evolutionary change

11.30-12.00 *Coffee break*

12.00-13.00 | Leonore Fleming

Utica College, USA

Nothing in biology makes sense except in the light of variation

13.00-13.30 | Pablo Razeto-Barry & Davide Vecchi

Instituto de Filosofía y Ciencias de la Complejidad, Chile |

Universidade de Lisboa, Portugal

Genomic change randomness: a net-fitness-effect account

13.30-15.00 *Lunch*

15.00-16.00 | Eva Boon

Technische Universiteit Eindhoven, The Netherlands

In which sense is lateral gene transfer random, and why does it matter?

16.00-16.30 *Coffee break*

16.30-17.00 | Lorenzo Baravalle

Universidade Federal do ABC, Santo André, São Paulo, Brazil

The cultural selection of chance

17.00-18.00 | Philippe Huneman

IHPST, CNRS, Université Paris 1 Sorbonne, France

Distinguishing types of variation and assessing challenges to the Modern Synthesis

18.00-18.30 | Discussion

OCTOBER 4

10.00-11.00 | Gerd Müller

Universität Wien, Austria

The morphogenetic basis of discontinuous variation

11.00-11.30 | James DiFrisco

Konrad Lorenz Institute for Evolution and Cognition

Research, Austria

Variation across levels of organization: insights from evo-devo

11.30-12.00 *Coffee break*

12.00-12.30 | Laura Nuño de la Rosa & Cristina Villegas

University of the Basque Country, Spain | Universidad

Complutense de Madrid, Spain

Possible forms and possible adaptations, or how evolvability challenges random variation

12.30-13.30 | Arlin Stoltzfus

Institute for Bioscience and Biotechnology Research, NIST,

USA

A new kind of variational cause, and some implications

13.30-15.00 *Lunch*

15.00-15.30 | Julian Zhunping Xue

McGill University, Canada

From mutation rates to eukaryotic organization: how variation drives evolution even in regimes of strong selection

15.30-16.00 | Predrag Šustar & Zdenka Brzović

University of Rijeka, Croatia

Gene duplication between mechanism and random process

16.00-16.30 *Coffee break*

16.30-17.00 | Giorgio Airoidi

Universidad Nacional de Educación a Distancia, Madrid,

Spain

Evolution without selection: how shrinking the scope of fitness as the explanatory driver of evolutionary changes can reconcile adaptationism and pluralism

17.00-18.00 | Sahotra Sarkar

University of Texas at Austin, USA and

Presidency University, Kolkata, India

Blind variation and evolutionary explanation

18.00-18.30 | Discussion