

International Workshop

STABILITY AND VARIATION IN BIOLOGICAL SYSTEMS

Organisers: Matteo Mossio (IHPST, Paris) & Kepa Ruiz-Mirazo (UPV/EHU, San Sebastian)

Sala de Juntas, Faculty of Education, Philosophy and Anthropology (UPV/EHU)

Donostia – San Sebastián, Basque Country, Spain, July 5-6 2016

* Tuesday 5 July *

09h15 - 09h30: Matteo Mossio (IHPST, Paris): “Stability and variation in biological systems. Some introductory reflections”

09h30 - 10h45: Alvaro Moreno (San Sebastian): “Stability and variation: two complementary concepts”

10h45 - 11h00: Break

11h00 - 12h15: Gaëlle Pontarotti (Paris): “The concepts of stability and variation within the context of non-genetic inheritance”

12h15 - 13h45: Lunch

13h45 - 15h00: Ana Soto (Tufts) & Maël Montévil (Paris): “Modeling mammary organogenesis from biological first principles: cells and their physical constraints”

15h00 - 15h15: Break

15h15 - 16h30: Giuseppe Longo (Paris): “Historicized invariance and rare events in systems of Life”

* Wednesday 6 July *

09h00 - 10h15: Kepa Ruiz-Mirazo (San Sebastian): “Stability and variation in prebiotic systems chemistry”

10h15 - 11h30: Andras Paldi (Paris) “Stability and variation: from theory to experiment and back”

11h30 - 12h00: Break

12h00 - 13h15: Paul-Antoine Miquel (Toulouse) “Biological organization and functional incompleteness”

13h15 - 14h45: Lunch

14h45 - 16h00: Spyridon Koutroufinis (Berlin): “Organism, Machine, Process. Towards a Process Ontology for Organismic Dynamics”

16h00 - 16h30: Final discussion, closure and farewell.

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