

AN EVOLUTIONARY JOURNEY III

Universidad Carlos III, Madrid, October 25-26, 2012

This is the third edition of the workshop "An Evolutionary Journey", in which experts on evolution in different aspects of Physics, Biology and Society get together to exchange ideas and experiences.

INVITED SPEAKERS

- **Jacob B. Axelsen**, Tel Aviv University, Israel
Introduction to language diversity: The role of demographic growth and conflict
- **Ricardo Azevedo**, University of Houston, USA
Sex can limit evolvability
- **Niko Beerenwinkel**, ETH Zürich, Switzerland
Using next-generation sequencing to characterize evolving populations
- **Francisco J. Esteban**, Universidad de Jaen
Coalitional games and the relevance of gene expression in neurological diseases
- **Joachim Krug**, Universität Köln, Germany
Evolutionary constraints and predictability of mutational pathways
- **Susanna C. Manrubia**, Centro de Astrobiología (INTA-CSIC), Madrid
Evolution on genotype networks leads to phenotypic entrapment
- **Arcadi Navarro**, Universitat Pompeu Fabra, Barcelona
The truth under GWAS. Are disease alleles shared by all humankind?
- **Mauro Santos**, Universitat Autònoma de Barcelona
Evolvability (or lack thereof) in self-sustaining autocatalytic networks

Attendance to the workshop is free. Further information on how to get there can be found at <http://allariz.uc3m.es/~anxosanchez/Evojourney>

The workshop has been organized by **José A. Cuesta** and **Anxo Sánchez**, from Universidad Carlos III, Madrid, and by **Susanna C. Manrubia**, from Centro de Astrobiología (INTA-CSIC), Madrid



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