

WS 2014/2015
Lecture & Journal Club series

The Growth of the Evolutionary Thought

"The Growth of the Evolutionary Thought" is an interdisciplinary course for Master's and PhD students, particularly those from the faculties of **Biology, Medicine, Geosciences, and Philosophy**. It consists of a weekly series of Journal Clubs and **open Lectures** which deal with aspects of Evolution within the different disciplines.

Organizers: Dr. Francesco Catania, Dr. Rebecca Schreiber, Prof. Joachim Kurtz

Course language: English

Contents: *Journal Club:* Tuesdays, 18:15 - 19:30, Social room in the IEB (Hüfferstraße 1)
Lectures: Wednesdays, 8:45 - 10:00, either in the Kavaliershäuschen (Schlossplatz 6) or in the lecture hall of the IEB (Hüfferstraße 1)

First meeting: 21.10.2014, at 18:15, Social room in the IEB (Hüfferstraße 1)

More information: <http://ieb.uni-muenster.de/mgse/teaching>

Questions to Dr. Francesco Catania (francesco.catania@uni-muenster.de)

Contents of the Lecture series:

Date	Lecture title	Speaker
22.10.2014	A brief history of evolutionary theories	Prof. Joachim Kurtz
29.10.2014	The Evolution of the Geological Timescale	Prof. Hans Kerp
05.11.2014	Intelligent Design Ideology: Should We care?	Prof. Wojciech Makalowski
12.11.2014	Environmental genomics: a revolution in evolution?	Jun. Prof. Claudia Acquisti
19.11.2014	Epigenetics and Evolution	Dr. Juanma Vaquerizas
26.11.2014	Life in Aristotelian and in modern biology - a structural comparison	Prof. Niko Strobach
03.12.2014	Evolution of bacterial pathogens	PD Alexander Mellmann
10.12.2014	Evolutionary games and biological markets	Jun. Prof. Arndt Telschow
17.12.2014	Solving Darwin's 'abominable mystery' - Angiosperm diversification through time	Prof. Kai Müller
07.01.2015	Horizontal gene transfer in animals	PD Jürgen Schmitz
14.01.2015	On the very idea of evolutionary ethics	Prof. Michael Quante
21.01.2015	Developmental behavioural plasticity and adaptedness - can the animal tell us more?	Prof. Lindsay Matthews
28.01.2015	Sexual selection - can it benefit the adaptation process?	Dr. Claudia Fricke