

THURSDAY

Thursday November 19th, 2009
Museo de Geología, UNAM

9:30-11:00 Guided tour. Museo de Geología

Session V

The impact of the evolutionary thought in social sciences and medicine

Chair: Hans-Jörg Rheinberger

11:00-11:45 **Irina Podgorny. (Museo de la Plata, Argentina and Max Planck Institute for the History of Science)**

"Post-mortem medical examination and the art of paleontological description in the 1840s"

Coffee break

12:00-12:45 **Mike Antolin (Colorado State University)**

"The Darwin family and the prospects for evolutionary medicine"

12:45-13:30 **Carlos López-Beltrán (Instituto de Investigaciones Filosóficas, UNAM)**

"The *Mestizo* as a scientific object"

Session VI

Darwinian representations

Chair: Ana Barahona

16:00-16:45 **Julia Voss (Frankfurter Allgemeine Zeitung)**

"Darwin's Painter: Johann Moritz Rugendas' Pictures of South America"

16:45-17:30 **Sophia Vackimes (Instituto Tecnológico de Estudios Superiores de Monterrey)**

"Mexico, nationalism and social Darwinism: exhibiting the great chain of being"

Coffee break

17:45-18:30 **Ineke Phaff-Rheinberger (Independent scholar)**

"Darwinism in the work of the landscape painter and scientist José María Velasco".

19:00-20:30 **Reception at Museo de Geología, UNAM.**



Organizers

Dr. José Sarukhán

Dr. Rodolfo Dirzo

Dra. Ana Barahona

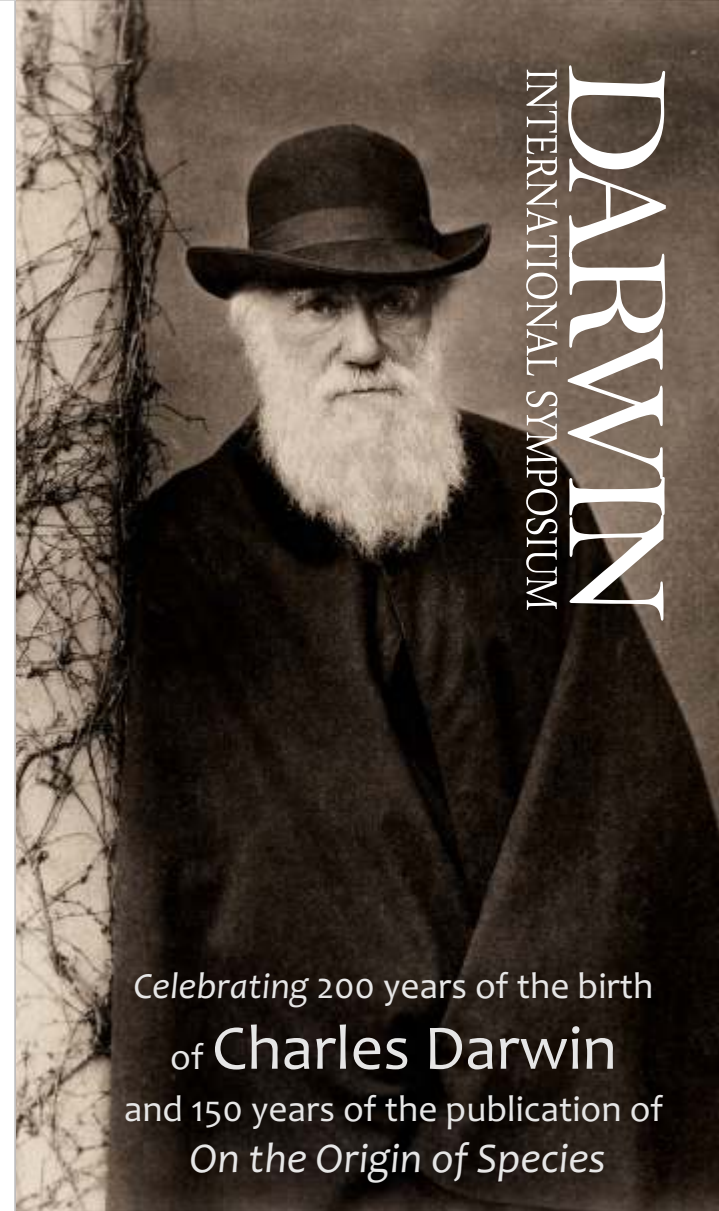
Dra. Edna Suárez

Dr. Hans-Jörg Rheinberger

Dr. Carlos López Beltrán

Dr. Sergio Martínez

This event is possible thanks to the support of the Max Planck Institute for the History of Science, El Colegio Nacional, Facultad de Ciencias, Instituto de Geología and Posgrado en Filosofía de la Ciencia, UNAM as well as the Projects "Evolution and heredity: genetics and epigenetics" PROALMEX, CONACyT/DAAD 2008 – 2010; DGAPA/UNAM, PAPIIT IN308208 and IN405609; Conacyt H-57272 and J50219-H



DARWIN
INTERNATIONAL SYMPOSIUM

Celebrating 200 years of the birth
of Charles Darwin
and 150 years of the publication of
On the Origin of Species

Organized by
The Max Planck Institute for the History of Science,
the Universidad Nacional Autónoma de México and
El Colegio Nacional

November 12th-19th, 2009

FIRST PART

DARWIN IN LATIN AMERICA

Meeting at El Colegio Nacional

THURSDAY

Thursday November 12th, 2009
Aula Magna, El Colegio Nacional

9:30-10:00 José Sarukhán/Rodolfo Dirzo (Instituto de Ecología, UNAM and Stanford University, EUA)
Introduction to Symposium

10:00-10:45 Jorge Crisci (Museo de La Plata, Argentina).
"The secret that ñandues, armadillos and finches revealed to Darwin"

11:00-11:45 William Durham (Stanford University, EUA).
"Darwin, Lyell and the Latin American fossils"

12:00-13:00 Fernando Novas (Museo de Historia Natural de Argentina).
"Darwin and South American mammal evolution"

17:00-17:45 Thomas Lewinsohn (Depto. Zoologia, IB, UNICAMP, Brasil).
"Darwin meets megadiversity in Brazil - ecological questions in the *Origin*"

18:00-18:45 Ricardo Rozzi (Universidad de Magallanes, Chile and University of North Texas, EUA).
"Darwin and the influences of his experiences and observations upon the development of his theory"

FRIDAY

Friday November 13th, 2009
Aula Magna, El Colegio Nacional

09:30-10:15 Irina Podgorny (Museo de la Plata, Argentina and Max Planck Institute for the History of Science)
"The design of Gliptodon in the 1830's"

10:30-11:15 Frank Sulloway (University of California, Berkeley, EUA)
"Darwin and the Galapagos: What Darwin would like to have known?"

11:30-12:15 Antonio Lazcano (Facultad de Ciencias, UNAM)
"Darwin y los microbios: la historia de una relación tormentosa"

12:30-13:15 Lúcia Lohmann (Universidade de Sao Paulo, Brasil).
"Desciphering one of Darwin's great mysteries: the history of climbing plants"

13:30-14:00 Rodolfo Dirzo / José Sarukhán (Stanford University and Instituto de Ecología, UNAM)
Conclusions

SECOND PART

DARWIN: THE ART OF DOING SCIENCE

Meeting at Facultad de Ciencias and Museo de Geología, UNAM

TUESDAY

Tuesday November 17th, 2009
Auditorio Carlos Graef, Amoxcalli, Facultad de Ciencias, UNAM

9:30-10:00 Hans-Jörg Rheinberger/Edna Suárez (Max Planck Institute for the History of Science and Facultad de Ciencias, UNAM)
Introduction to Symposium

Session I
The many faces of Darwinism
Chair: Ana Barahona

10:00-10:45 John Dupré (Exeter University, UK)
"Post-Genomic Darwinism"

10:45-11:30 Keith Benson (University of British Columbia, Canada)
"The American variations of evolution theory after Darwin"

Coffee break

12:00-12:45 Gustavo Caponi (Universidade Federal de Santa Catarina, Brasil)
"Against the adaptationist reading of Darwinism"

12:45-13:30 Wolfgang Schaeffner (Humboldt University, Berlin)
"Multiple Organisms. On the statistical character of individuals, species and populations"

Session II
Practicing Darwinism
Chair: Vivette Garcia-Deister

16:00-16:45 Niles Eldredge (American Museum of Natural History, NY)
"Darwin: discovering the tree of life"

16:45-17:30 Daniel Piñero (Instituto de Ecología, UNAM)
"From Darwin's phylogeny to coalescent genealogies: how do we represent speciation?"

Coffee break

17:45-18:30 Antonio Lazcano (Facultad de Ciencias, UNAM)
"Darwin's warm little pond: from chemical evolution to natural selection?"

WEDNESDAY

Wednesday November 18th, 2009
Auditorio Carlos Graef, Amoxcalli, Facultad de Ciencias, UNAM

Session III
Evolution and the "logic" of discovery
Chair: Edna Suárez

10:00-10:45 Elliott Sober (University of Wisconsin, Madison)
"Did Darwin write the *Origin* backwards?"

10:45-11:30 John Beatty (University of British Columbia, Canada)
"Darwinism or why history matters"

Coffee break

12:00-12:45 William Wimsatt (University of Chicago, Chicago)
"Cultural Evolution: development, extended cognition, artifacts and institutions"

12:45-13:30 Sergio Martínez (Instituto de Investigaciones Filosóficas, UNAM)
"Material induction and the evolution of artifacts"

Session IV
Darwin and humanism
Chair: Carlos López-Beltrán

16:00-16:45 Jonathan Marks (University of North Carolina, Charlotte)
"Are you your ancestors? Genetics, reductionism, and our place in Nature"

16:45-17:30 Veronika Lipphardt (Max Planck Institute for the History of Science and Humboldt University, Berlin)
"'Animals that you cannot control.' Darwinism and human evolution"

Coffee break

17:45-18:30 José Luis Vera (Instituto Nacional de Antropología e Historia, México)
"Anthropology and evolution: a difficult relationship"

