

## THURSDAY

Thursday November 19<sup>th</sup>, 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

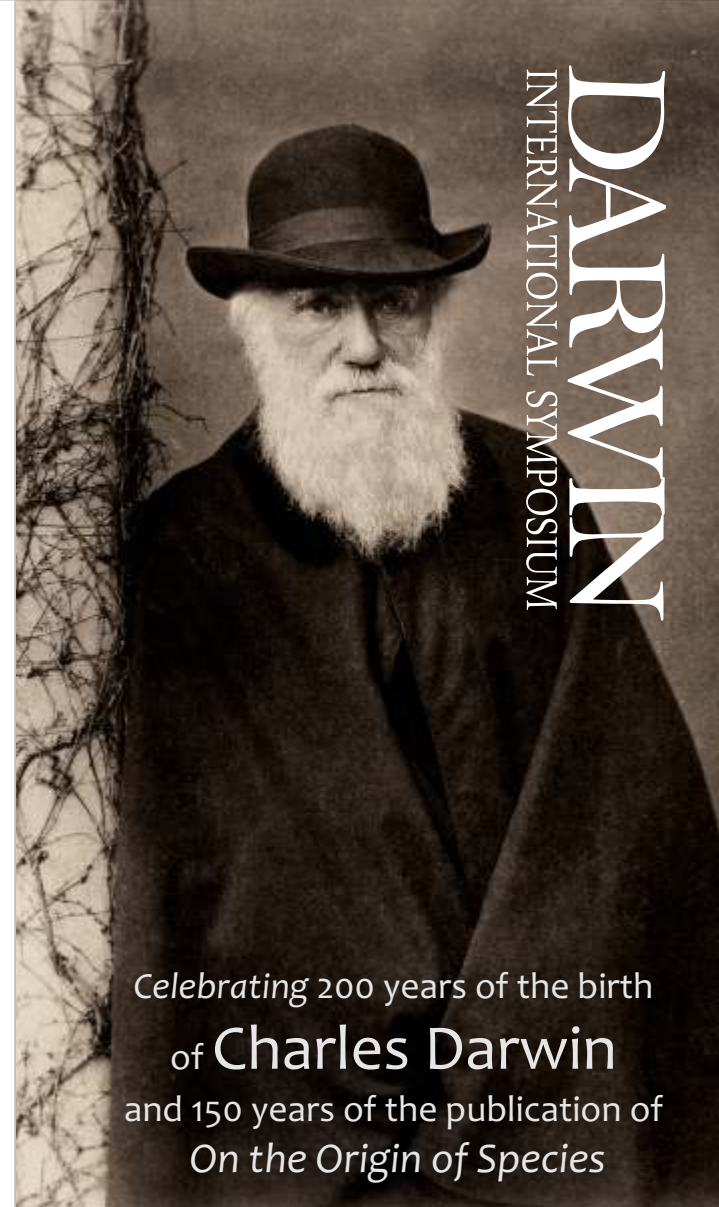
Dr. Hans-Jörg Rheinberger

Dr. Carlos López Beltrán

Dr. Sergio Martínez

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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"

