
Darwin in Science and Society

An interdisciplinary symposium



4/5 September 2009

University of Zurich, Campus Irchel

Charles Darwin and the publication of his theory of evolution: 2009 can be celebrated not only as the 200th anniversary of the birth of this exceptional scientist but also as the 150th anniversary of the publication of his key work «On the Origin of Species». To mark this double anniversary, the swiss-academies are organising a symposium focussing on the interaction in the interpretation and further development of the theory of evolution between the sciences on one hand and the humanities and social sciences on the other hand.

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Programme

Friday, September 4 [collapse programme](#)

08:30	Welcome	Denis Monard President SCNAT Anne-Claude Berthoud President SAGW
Session 1	Approaching Darwin	
08:45	The personality of Darwin	Janet Browne Harvard University
09:30	Darwinism and Anti-Darwinism in the Evolution of Biology	Peter Bowler Queen's University Belfast
10:15	Evolving the City	David Sloan Wilson Binghamton University
11:00	Discussion	Hans-Konrad Schmutz Naturmuseum Winterthur
11:30	Lunch	
Session 2	Tracing Darwin: History and Prosepects of the Exchange of Darwin's Concepts between Science and Social Science	
12:45	Why Art? The Darwinian Explanation	Thomas Junker Universität Tübingen
13:30	Darwin als Theoretiker des Kulturellen	Philipp Sarasin Universität Zürich
14:15	Biological and Sociocultural Evolution: Separation, Parallels, Interdependencies	Rudolf Stichweh Universität Luzern
15:00	Discussion	Gianni D'Amato Université de Neuchâtel
15:30	Break	
16:00	Round table	Helmut Weissert ETH Zürich
17:00	Break	
17:30	Public Presentation Animal Evolution: Myth or Reality?	Denis Duboule Université de Genève
18:30	End of public presentation	
19:30	Conference Dinner	

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Saturday, September 5 collapse programme

Session 3	Leading edge presentation palaeontology	
08:30	The Problem of Missing Links and the Origin of Turtles	Olivier Rieppel The Field Museum Chicago
09:15	Beyond Darwin's "Incompleteness of the Geological Record": Who survived in the open oceans and why?	Hans Thierstein ETH Zürich
10:00	Discussion	Jean-Pierre Berger Université de Fribourg
10:30	Break	
Session 4	Leading edge presentation biology	
10:45	Evolution of Morphological Novelties and of Plant Biodiversity	Heinz Saedler Max-Planck-Institut für Züchtungsforschung
11:30	Medical Applications of Evolutionary Genomics	Andrew Clark Cornell University
12:15	Discussion	Jean-David Rochaix Université de Genève
12:45	Lunch	
Session 5	Epistemology I	
14:00	From the voyage on the Beagle to Sorcerer II: what kind of transformation?	Helga Nowotny European Research Council, Vienna
14:45	Darwin im Kontext der Entwicklung des Vererbungsdenkens im 19. Jahrhundert	Hans-Jörg Rheinberger Max-Planck-Institut für Wissenschaftsgeschichte
15:30	Break	
Session 6	Epistemology II	
15:45	Die Darwinsche Kränkung der Gesellschaft	Wolfgang van den Daele Wissenschaftszentrum Berlin für Sozialforschung
16:30	Can Modern Darwinism Explain Human Nature?	Carolus van Schaik Universität Zürich
17:15	Discussion	Gerd Folkers Collegium Helveticum
17:45	Break	
18:00	Discussion Is evolution science fit for survival?	Peter Lippuner Naturwissenschaftliche Gesellschaft Winterthur
18:45	Farewell	
18:55	End of Conference	