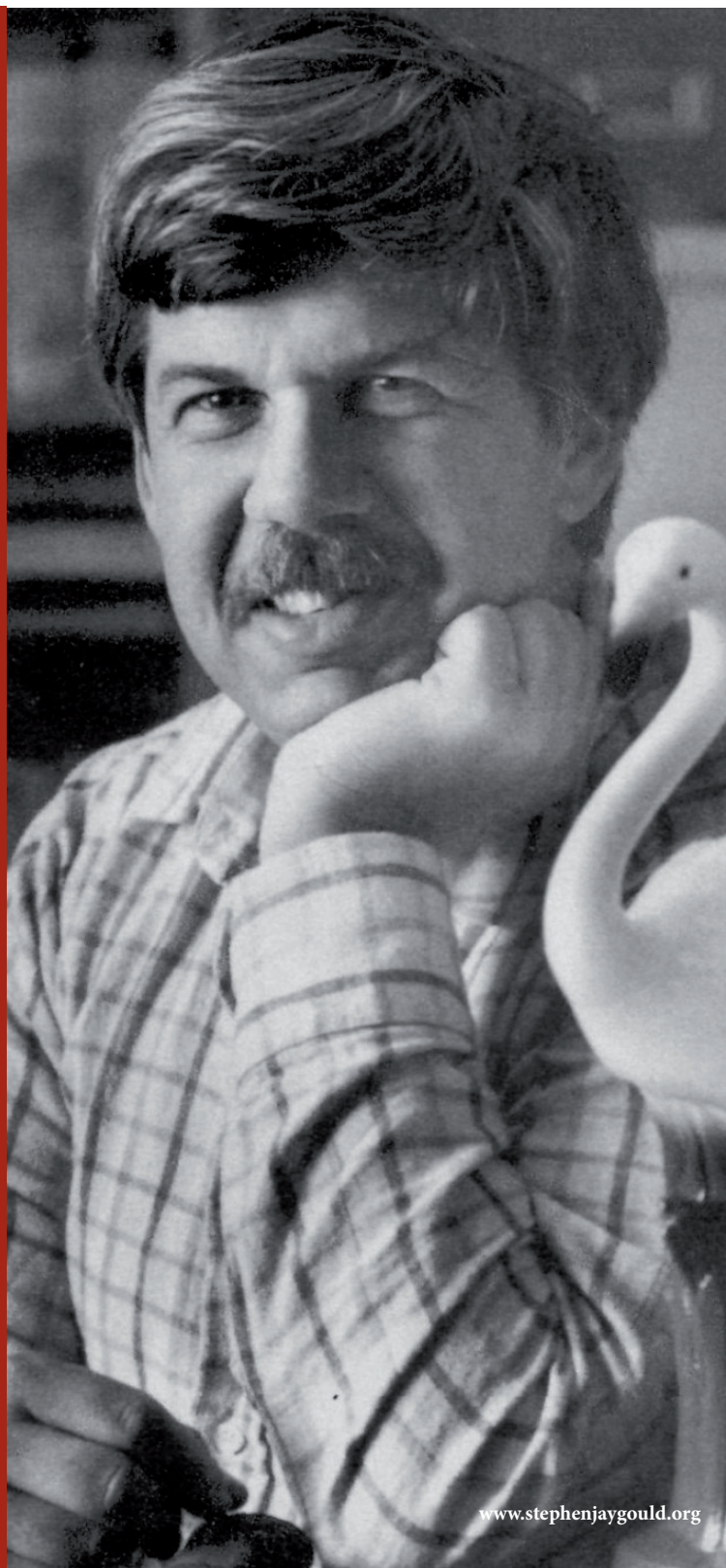


May 20, 2012 will be the tenth anniversary of Stephen Jay Gould's death. Palaeontologist at the Museum of Comparative Zoology, Harvard University, eminent evolutionary biologist, science writer, science historian and opinion maker, Gould gave us an extended and revised version of the theory of evolution, his "Darwinian pluralism", which is today an excellent frame for understanding the scientific advancements in many evolutionary fields. His anticipating intuitions about the conjunction of evolution and development, the role of ecological and biogeographical factors in speciation, the need for a multi-level interpretation of the units of selection, the interplay between functional pressures and internal constraints in processes like exaptation, are fruitful current lines of experimental research today. Even his pungent and sometimes very radical controversies against the progressive representations of evolution (especially human evolution), the pan-selectionist and gene-centered view of natural history, or the adaptationist "just-so-stories", have left their mark in contemporary biology. Gould's histories of nature were explorations in the nature of history, with wider cultural and philosophical implications, like his crucial concept of contingency. In the wonderful location of "Istituto Veneto di Scienze, Lettere ed Arti" in Venice, the town of Gould's "spandrels of San Marco", an international panel of scientists and philosophers - including Gould's closest friends and colleagues like Niles Eldredge, Elisabeth Lloyd and (in video) Richard Lewontin - will discuss his evolutionary and anthropological legacy, his idea of science as a complex rational enterprise, evolving itself and immersed in human society, his proposal for a methodology in historical sciences, and his unmistakable style of writing and argumentation, overcoming the boundaries between science, literature and art. In Gould scientific research and communication of science were two fields of inquiry strictly related by the idea that science is a high expression of human curiosity and culture.



www.stephenjaygould.org

Organizing committee

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The meeting is organized by



Istituto Veneto
di Scienze Lettere
ed Arti

in collaboration with



Università
Ca' Foscari
Venezia

Dipartimento di Filosofia
e Beni Culturali

STEPHEN J. GOULD'S LEGACY: NATURE, HISTORY, SOCIETY

May 10-12, 2012

May 10-11, 2012

Istituto Veneto di Scienze, Lettere ed Arti
Palazzo Cavalli Franchetti
Sala del Portego
San Marco 2847
Venezia

May 12, 2012

Università Ca' Foscari di Venezia
Aula Mario Baratto
Dorsoduro 3246
Venezia

More information available at:
www.istitutoveneto.it/sjgould

Istituto Veneto di Scienze, Lettere ed Arti
May 10, 2012

9.00 a.m. Opening of the meeting

9.15 a.m. Introduction
TELMO PIEVANI
Università degli studi di Milano Bicocca
Istituto Veneto di Scienze, Lettere ed Arti
*Ten years without Stephen J. Gould:
the scientific heritage*

9.45 a.m. First session

Chair: TELMO PIEVANI
Università degli studi di Milano Bicocca
Istituto Veneto di Scienze, Lettere ed Arti

9.45 a.m. RICHARD C. LEWONTIN
Harvard University (video)

10.00 a.m, NILES ELDREDGE
American Museum of Natural History, New York
*Stephen Jay Gould in the 1960s and 1970s,
and the Origin of "Punctuated Equilibria"*

10.45 a.m. Coffee break

11.00 a.m. Second session

Chair: MARCO FERRAGUTI
Università degli studi di Milano

11.00 a.m ALESSANDRO MINELLI
Università degli studi di Padova
Istituto Veneto di Scienze, Lettere ed Arti
*Individuals, hierarchies, and the levels of selection.
A chapter in Gould's evolutionary theory*

11.45 a.m. ELISABETH LLOYD
Indiana University
Gould and adaptation: San Marco 33 years later

12.30 p.m. Lunch

2.30 p.m. Third session

Chair: ALESSANDRO MINELLI
Università degli studi di Padova
Istituto Veneto di Scienze, Lettere ed Arti

2.30 p.m. GERD MÜLLER
Konrad Lorenz Institute, Vienna
Istituto Veneto di Scienze, Lettere ed Arti
*Beyond Spandrels: S.J. Gould, EvoDevo, and
the Extended Synthesis*

3.15 p.m. T. RYAN GREGORY
University of Guelph
A Gouldian view of the genome

4.00 p.m. Coffee break

4.15 p.m. Fourth session

Chair: ELENA GAGLIASSO
Sapienza Università di Roma

4.15 p.m GIUSEPPE LONGO
CNRS, CREA, École Polytechnique et CIRPHLES,
École Normale Supérieure, Paris
*Randomness increases biological organization: a
mathematical understanding of Gould's critique of
evolutionary progress*

5.00 p.m. MARCELLO BUIATTI
Università degli studi di Firenze
Biological complexity and punctuated equilibria

Istituto Veneto di Scienze, Lettere ed Arti
May 11, 2012

9.00 a.m. Fifth session

CHAIR GIORGIO MANZI
Sapienza Università di Roma

9.00 a.m. IAN TATTERSALL
American Museum of Natural History, New York
Steve Gould's intellectual legacy to anthropology

9.45 a.m. GUIDO BARBUJANI
Università degli studi di Ferrara
Mismeasuring man thirty years later

10.30 a.m. Coffee break

10.45 a.m. Sixth session

Chair: BERNARDINO FANTINI
Université de Genève

10.45 a.m. Klaus Scherer
Université de Genève
*Affect bursts as evolutionary precursors of speech
and music*

11.30 a.m. WINFRIED MENNINGHAUS
Freie Universität Berlin
*Darwin's theory of music, rhetoric and poetry.
A (partly) Gouldian perspective*

12.45 a.m. Lunch

2.30 p.m. Seventh session

Chair: MARIA TURCHETTO
Università Ca' Foscari di Venezia

2.30 p.m. ALBERTO GUALANDI
Università degli studi di Bologna
*The Gould effect. Neoteny, exaptation
and human sciences*

3.15 p.m. ANDREA CAVAZZINI
Université de Liège
*Beyond (and without) the invisible hand. Transfer of
concepts between economics and evolutionary theory*

4.00 p.m. Coffee break

4.15 p.m. MARCO PAPPALARDO
McGill University, Montreal
Stephen Jay Gould's hypothesis on neoteny in humans

5.00 p.m. Closure of the meeting

Università Ca' Foscari di Venezia
May 12, 2012

9.00 a.m. Round table on communication of science

Chair: GIANNA MILANO
International School for Advanced Studies of Trieste

ANGELO AQUARO
«La Repubblica»
BRUNELLA DANESI
Associazione Nazionale degli Insegnanti
di Scienze Naturali
PIETRO GRECO
International School for Advanced Studies of Trieste
GIORGIO NARDUCCI
Circolo Gould, Roma
ANDREA RINALDO
Università degli studi di Padova
Istituto Veneto di Scienze, Lettere ed Arti

11.00 a.m. Coffee break

**11.30 a.m. Round table on translation into italian of
"Ontogeny and Phylogeny"**

Chair: GIORGIO PANINI
Università degli studi di Bologna

ANDREA CAVAZZINI
Université de Liège
SILVIA DI CESARE
École Normale Supérieure de Paris
MARCO PAPPALARDO
McGill University, Montreal
FEDERICA TURRIZIANI COLONNA
Sapienza Università di Roma
École Normale Supérieure de Cachan

1 p.m. Lunch