



Fondazione Internazionale Balzan "Premio"

prot. n° 13194

December 2017

Sir / Madam,

In regard to the attached letter from the Chairman of the Balzan Foundation's General Prize Committee, Professor Salvatore Veca, we would be grateful if you would kindly forward supporting statements for each candidate you deem worthy of an award. In order to be valid, the nominations must be supported by the following documents:

- a statement of reasons for the nomination, including mention of particularly important publications;
- for candidates in the **social sciences** and the **humanities**, a bibliography, including the above-mentioned publications, citing publisher and publication year, and adding translations of original titles should there be works translated into other languages;
- a list of 10 to 20 of their most important publications (with full bibliographical citation) for candidates in the **sciences**;
- a curriculum vitae specifying present position, main academic activities, date and place of birth, nationality, residence and address;
- a recent photograph (high resolution, jpg by email to balzan@balzan.it) with indication of copyright if applicable.

It is to be noted that more than one candidate may be nominated for each prize subject. Furthermore, they do not necessarily have to be part of the institution of the individual making the nomination, nor of the same nationality.

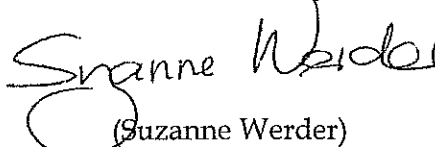
Personal applications will not be considered.

Nominations must reach the General Prize Committee by March 15, 2018.

All of the above documentation should be addressed to the

Chairman of the General Prize Committee
Attention: Secretariat of the
International Balzan Foundation "Prize"
P.tta U. Giordano, 4
I-20122 Milano, Italia

Yours faithfully,



(Suzanne Werder)

Secretary General

International Balzan Foundation "Prize"



Fondazione Internazionale Balzan "Premio"

As Chairman of the General Prize Committee of the International Balzan Foundation "Prize" and on behalf of my colleagues on the Committee, I have the honour of inviting you to submit the names of candidates for the

2018 Balzan Prizes

which will be awarded in the following subjects:

Social Anthropology
Global History

Fluid Dynamics
Chemical Ecology

Each of the four Balzan Prizes is worth 750,000 Swiss francs.

Half the Prize sum will be awarded to the Prizewinner in recognition of his/her work, while the other half will later be earmarked by the Prizewinner for research projects involving young researchers or research groups. The research proposal will be subject to the approval of the General Prize Committee.

Careful consideration will be given to all nominations.

The Balzan General Prize Committee will treat your nomination, which must be signed by the nominator, in the strictest confidentiality and expects that you will similarly respect the secrecy it entails.

December 2017

Salvatore Veca

Chairman; Professor of Political Philosophy
at the Institute for Advanced Study (IUSS), Pavia

SIERD A.P.L. CLOETINGH

Distinguished Utrecht University Professor; President of the Academia Europaea; former Vice-President of the European Research Council; member of the Royal Netherlands Academy of Sciences, the Royal Norwegian Academy, the Royal Danish Academy, the German Academy of Technical Sciences and honorary member of the Hungarian Academy of Sciences

BØRGE DIDERICHSSEN

Vice President, Novo Nordisk, Denmark, Head of R&S Outreach partnerships within diabetes and haemophilia research in China and other emerging markets; Vice-Chair of the Board of Novo Nordisk-Chinese Academy of Sciences Research Fund; Chairman of the International Advisory Board of VIB (Flemish Institute of Biotechnology) in Ghent, Belgium

ÉTIENNE GHYS

Research Director at the Centre National de la Recherche Scientifique, Pure and Applied Mathematics Unit, École Normale Supérieure de Lyon; Member of the Académie des sciences, Institut de France, Paris

ANDREA GIARDINA

Professor of Roman History at the Scuola Normale Superiore, Pisa; President of the International Committee of Historical Sciences; Fellow of the Accademia Nazionale dei Lincei, Rome

H. CHARLES J. GODFRAY

Hope Professor of Zoology at the University of Oxford and Fellow of Jesus College; Fellow of the Royal Society

BENGT GUSTAFSSON

Professor Emeritus of Theoretical Astrophysics at the University of Uppsala; Member of the Royal Swedish Academy of Sciences, the Royal Danish Academy of Sciences and Letters, and the Norwegian Academy of Science and Letters

NATHALIE HEINICH

Research Director in sociology at the Centre National de la Recherche Scientifique (CNRS), Paris; member of the Centre de Recherches sur les Arts et le Langage (CRAL) at the École des Hautes Études en Sciences Sociales (EHESS), Paris

JULES A. HOFFMANN

Distinguished Class Research Director at the Centre National de la Recherche Scientifique (Emeritus), Institute of Molecular and Cellular Biology, Strasbourg; Professor at the University of Strasbourg; former President of the Académie des sciences, Institut de France, Paris; 2011 Nobel Prize for Physiology or Medicine

PETER KUON

Professor of Romance Philology at the University of Salzburg, Austria

LUCIANO MAIANI

Professor Emeritus of Theoretical Physics at the University of Rome "La Sapienza"; Fellow of the Accademia Nazionale dei Lincei, Rome, and of the American Physical Society

THOMAS MAISSEN

Director of the German Historical Institute in Paris; Chair in Early Modern History at the University of Heidelberg; Member of the Heidelberger Akademie der Wissenschaften

ERWIN NEHER

Professor Emeritus, Max Planck Institute for Biophysical Chemistry, Göttingen; Member of the Academia Europaea; Foreign Associate of the US National Academy of Sciences and of the Royal Society, London; 1991 Nobel Prize for Physiology or Medicine

ANTONIO PADOA SCHIOPPA

Professor Emeritus of Legal History at the State University of Milan; former President of the Istituto Lombardo, Academy of Sciences and the Humanities, Milan; Foreign Fellow of the Académie des inscriptions et belles-lettres, Institut de France, Paris

MARJAN SCHWEGMAN

Cleveringa Chair at the University of Leiden (2017/2018); Professor Emeritus of Political and Cultural History of the Twentieth Century, Utrecht University; former Director of the Royal Netherlands Institute in Rome

QUENTIN SKINNER

Barber Beaumont Professor of the Humanities, Queen Mary, University of London; Fellow of the British Academy and of Christ's College Cambridge; Foreign Fellow of the Accademia Nazionale dei Lincei, Rome

VICTOR STOICHITA

Chair of Modern Art History at the University of Fribourg, Switzerland; Visiting Professor at the Istituto di studi italiani, University of Lugano (USI); Foreign Fellow of the Accademia Nazionale dei Lincei, Rome

PETER SUTER

Honorary Professor of Medicine at the University of Geneva; former President of the Swiss Academies of Arts and Sciences

CARLO WYSS

Former Director for Accelerators at CERN. Expert in the design of superconducting acceleration cavities and magnets, for series manufacture by industry



International Balzan Foundation

The Balzan Prize

Prizes and Prizewinners

The International Balzan Foundation

The International Balzan Foundation was established in Lugano in 1956 thanks to the generosity of Lina Balzan, who had come into a considerable inheritance on the death of her father, Eugenio. She decided to use this wealth to honour his memory.

Eugenio Francesco Balzan was born in Badia Polesine, near Rovigo (Northern Italy), on 20 April 1874 into a family of landowners. He spent almost his entire working life at Milan's leading daily newspaper, *Corriere della Sera*. After joining the paper in 1897, he worked his way up from editorial assistant to news editor and special correspondent. In 1903 editor Luigi Albertini made him managing director of the paper's publishing house; he then became a partner and shareholder in the company. He was not only a resourceful manager but also a leading personality in Milan. In 1933 he left Italy due to ever-increasing opposition to what was left of an independent *Corriere*. He then moved to Switzerland, living in Zurich and Lugano. He engaged in charitable activities, supporting many worthy causes.

He officially returned to Italy in 1950. Eugenio Balzan died in Lugano, Switzerland, on 15 July 1953.

Today, the Balzan Foundation, international in character and scope, acts jointly through two Foundations: one under Italian jurisdiction and the other under Swiss jurisdiction.

In Milan, the *International E. Balzan Prize Foundation "Prize"* aims to promote, throughout the world, culture, science and the most meritorious initiatives in the cause of humanity, peace and fraternity among peoples, regardless of nationality, race or creed. This aim is attained through the annual awarding of prizes in two general academic categories: literature, the moral sciences and the arts; medicine and the physical, mathematical and natural sciences. Specific subjects for the Prizes are chosen on an annual basis.

Nominations for these prizes are received at the Foundation's request from the world's leading academic institutions. Candidates are selected by the *General Prize Committee*, composed of eminent European scholars and scientists. Prizewinners must allocate half of the Prize to research work, preferably involving young researchers.

In 2018, awards will be made in the following subjects:

- Social Anthropology;
- Global History;
- Fluid Dynamics;
- Chemical Ecology.

At intervals of not less than three years, the Balzan Foundation also awards a prize for humanity, peace and fraternity among peoples. This prize will be awarded in 2018.

In Zurich, the *International E. Balzan Prize Foundation "Fund"* administers Eugenio Balzan's estate so as to place at the disposal of the International E. Balzan Prize Foundation "Prize" the necessary financial means to realize its objectives.

Balzan Prizewinners
for Literature, Moral Sciences, and the Arts;
for Physical, Mathematical and Natural Sciences, and Medicine

- | | |
|--|---|
| <p>2017 Bina Agarwal (India/UK)
Gender Studies</p> <p>Aleida and Jan Assmann (Germany)
Collective Memory</p> <p>James P. Allison and
Robert D. Schreiber (USA)
Immunological Approaches
in Cancer Therapy</p> <p>Michaël Gillon (Belgium)
The Sun's Planetary System
and Exoplanets</p> | <p>2014 Ian Hacking (Canada)
Epistemology and Philosophy of Mind</p> <p>Dennis Sullivan (USA)
Mathematics (pure and applied)</p> <p>David Tilman (USA)
Basic and applied Plant Ecology</p> <p>Mario Torelli (Italy)
Classical Archaeology</p> |
| <p>2016 Piero Boitani (Italy)
Comparative Literature</p> <p>Federico Capasso (USA/Italy)
Applied Photonics</p> <p>Reinhard Jahn (Germany)
Molecular and Cellular Neuroscience</p> <p>Robert O. Keohane (USA)
International Relations: History and Theory</p> | <p>2013 Alain Aspect (France)
Quantum Information Processing
and Communication</p> <p>Manuel Castells (USA/Catalonia)
Sociology</p> <p>Pascale Cossart (France)
Infectious Diseases:
basic and clinical aspects</p> <p>André Vauchez (France)
Medieval History</p> |
| <p>2015 Hans Belting (Germany)
History of European Art (1300-1700)</p> <p>Francis Halzen (USA/Belgium)
Astroparticle Physics</p> <p>David Michael Karl (USA)
Oceanography</p> <p>Joel Mokyr (USA/Israel)
Economic History</p> | <p>2012 David Charles Baulcombe (UK)
Epigenetics</p> <p>Ronald M. Dworkin (USA)
Jurisprudence</p> <p>Kurt Lambeck (Australia/The Netherlands)
Solid Earth Sciences, with emphasis
on interdisciplinary research</p> <p>Reinhard Strohm (UK/Germany)
Musicology</p> |

- 2011** Bronislaw Baczko (Switzerland/Poland)
Enlightenment Studies
- Peter Robert Lamont Brown
(USA/Ireland)
Ancient History (The Graeco-Roman World)
- Russell Scott Lande (UK/USA)
Theoretical Biology or Bioinformatics
- Joseph Ivor Silk (USA/UK)
The Early Universe
- 2010** Manfred Brauneck (Germany)
The History of Theatre in All Its Aspects
- Carlo Ginzburg (Italy)
European History (1400-1700)
- Jacob Palis (Brazil)
Mathematics (pure and applied)
- Shinya Yamanaka (Japan)
Stem Cells: Biology and Potential
Applications
- 2009** Terence Cave (UK)
Literature since 1500
- Michael Grätzel (Switzerland/Germany)
The Science of New Materials
- Brenda Milner (Canada/UK)
Cognitive Neurosciences
- Paolo Rossi Monti (Italy)
History of Science
- 2008** Wallace S. Broecker (USA)
The Science of Climate Change
- Maurizio Calvesi (Italy)
The Visual Arts since 1700
- Ian H. Frazer (Australia/UK)
Preventive Medicine
- Thomas Nagel (USA/Serbia)
Moral Philosophy
- 2007** Rosalyn Higgins (UK)
International Law since 1945
- Sumio Iijima (Japan)
Nanoscience
- Michel Zink (France)
European Literature (1000-1500)
- Bruce Beutler (USA) and
Jules Hoffmann (France/Luxembourg)
Innate Immunity
- 2006** Ludwig Finscher (Germany)
History of Western Music since 1600
- Quentin Skinner (UK)
Political Thought; History and Theory
- Paolo de Bernardis (Italy) and
Andrew Lange (USA)
Observational Astronomy and Astrophysics
- Elliot Meyerowitz (USA) and
Christopher Somerville (USA/Canada)
Plant Molecular Genetics
- 2005** Peter Hall (UK)
The Social and Cultural History of Cities
since the Beginning of the 16th Century
- Lothar Ledderose (Germany)
The History of the Art of Asia
- Peter and Rosemary Grant (USA/UK)
Population Biology
- Russell Hemley (USA) and
Ho-kwang Mao (USA/China)
Mineral Physics
- 2004** Pierre Deligne (USA/Belgium)
Mathematics
- Nikki Ragozin Keddie (USA)
The Islamic World from the End of the 19th
to the End of the 20th Century
- Michael Marmot (UK)
Epidemiology
- Colin Renfrew (UK)
Prehistoric Archaeology

- 2003** Reinhard Genzel (Germany)
Infrared Astronomy
- Eric Hobsbawm (UK/Egypt)
European History since 1900
- Wen-Hsiung Li (USA/Taiwan)
Genetics and Evolution
- Serge Moscovici (France/Romania)
Social Psychology
- 2002** Walter Jakob Gehring (Switzerland)
Developmental Biology
- Anthony Thomas Grafton (USA)
History of the Humanities
- Xavier Le Pichon (France/Vietnam)
Geology
- Dominique Schnapper (France)
Sociology
- 2001** James Sloss Ackerman (USA)
History of Architecture
- Jean-Pierre Changeux (France)
Cognitive Neurosciences
- Marc Fumaroli (France)
Literary History and Criticism (post 1500)
- Claude Lorius (France)
Climatology
- 2000** Ilkka Hanski (Finland)
Ecological Sciences
- Michel Mayor (Switzerland)
Instrumentation and Techniques
in Astronomy and Astrophysics
- Michael Stolleis (Germany)
Legal History since 1500
- Martin Litchfield West (UK)
Classical Antiquity
- 1999** Luigi Luca Cavalli-Sforza (USA/Italy)
The Science of Human Origins
- John Elliott (UK)
History, 1500-1800
- Mikhael Gromov (France/Russia)
Mathematics
- Paul Ricœur (France)
Philosophy
- 1998** Harmon Craig (USA)
Geochemistry
- Robert McCredie May (UK/Australia)
Biodiversity
- Andrzej Walicki (USA/Poland)
The Cultural and Social History
of the Slavonic World
- 1997** Charles Coulston Gillispie (USA)
History and Philosophy of Science
- Thomas Wilson Meade (UK)
Epidemiology
- Stanley Jeyaraja Tambiah
(USA/Sri Lanka)
Social Anthropology
- 1996** Arno Borst (Germany)
History: Medieval Cultures
- Arnt Eliassen (Norway)
Meteorology
- Stanley Hoffmann (France/USA/Austria)
Political Science: Contemporary
International Relations
- 1995** Yves Bonnefoy (France)
Art History and Art Criticism
- Carlo M. Cipolla (Italy)
Economic History
- Alan J. Heeger (USA)
The Science of New Non-Biological
Materials

- 1994 Norberto Bobbio (Italy)
Law and Political Science
- René Couteaux (France)
Biology
- Fred Hoyle (UK) and
Martin Schwarzschild (USA/Germany)
Astrophysics
- 1993 Wolfgang H. Berger (USA/Germany)
Palaeontology with Special Reference
to Oceanography
- Lothar Gall (Germany)
History: Societies of the 19th
and 20th Centuries
- Jean Leclant (France)
Art and Archaeology of the Ancient World
- 1992 Armand Borel (USA/Switzerland)
Mathematics
- Giovanni Macchia (Italy)
History and Criticism of Literature
- Ebrahim M. Samba (Gambia)
Preventive Medicine
- 1991 György Ligeti (Austria/Hungary/Romania)
Music
- Vitorino Magalhães Godinho (Portugal)
History: The Emergence of Europe
in the 15th and 16th Centuries
- John Maynard Smith (UK)
Genetics and Evolution
- 1990 Walter Burkert (Switzerland/Germany)
The Study of the Ancient World
- James Freeman Gilbert (USA)
Geophysics
- Pierre Lalive d'Épinay (Switzerland)
Private International Law
- 1989 Emmanuel Lévinas (France/Lithuania)
Philosophy
- Leo Pardi (Italy)
Ethology
- Martin John Rees (UK)
High Energy Astrophysics
- 1988 Shmuel Noah Eisenstadt (Israel/Poland)
Sociology
- René Etiemble (France)
Comparative Literature
- Michael Evenari (Israel/France) and
Otto Ludwig Lange (Germany)
Applied Botany
- 1987 Jerome Seymour Bruner (USA)
Human Psychology
- Richard W. Southern (UK)
Medieval History
- Phillip V. Tobias (South Africa)
Physical Anthropology
- 1986 Otto Neugebauer (USA/Austria)
History of Science
- Roger Revelle (USA)
Oceanography/Climatology
- Jean Rivero (France)
Basic Human Rights
- 1985 Ernst H.J. Gombrich (UK/Austria)
History of Western Art
- Jean-Pierre Serre (France)
Mathematics
- 1984 Jan Hendrik Oort (The Netherlands)
Astrophysics
- Jean Starobinski (Switzerland)
History and Criticism of Literature
- Sewall Wright (USA)
Genetics

- 1983 Francesco Gabrieli (Italy)
Oriental Studies
- Ernst Mayr (USA/Germany)
Zoology
- Edward Shils (USA)
Sociology
- 1982 Jean-Baptiste Duroselle (France)
Social Sciences
- Massimo Pallottino (Italy)
Studies of Antiquity
- Kenneth Vivian Thimann (USA/UK)
Pure and Applied Botany
- 1981 Josef Pieper (Germany)
Philosophy
- Paul Reuter (France)
International Public Law
- Dan Peter McKenzie,
Drummond Hoyle Matthews and
Frederick John Vine (UK)
Geology and Geophysics
- 1980 Enrico Bombieri (USA/Italy)
Mathematics
- Jorge Luis Borges (Argentina)
Philology, Linguistics
and Literary Criticism
- Hassan Fathy (Egypt)
Architecture and Urban Planning
- 1979 Torbjörn Caspersson (Sweden)
Biology
- Jean Piaget (Switzerland)
Social and Political Science
- Ernest Labrousse (France) and
Giuseppe Tucci (Italy)
History
- 1962 Paul Hindemith (Germany)
Music
- Andrej Kolmogorov (Russia)
Mathematics
- Samuel Eliot Morison (USA)
History
- Karl von Frisch (Austria)
Biology

Balzan Prizewinners for Humanity, Peace and Fraternity Among Peoples

- 2014 Association *Vivre en Famille*,
the creation of a maternity unit
and revitalisation of a school in Ibambi,
Democratic Republic of the Congo
- 2007 Karlheinz Böhm (Austria/Germany),
Organisation *Menschen
für Menschen*, Ethiopia Aid
- 2004 Community of Sant'Egidio,
DREAM programme combating
AIDS and malnutrition
in Mozambique
- 2000 Abdul Sattar Edhi (Pakistan/India)
- 1996 International Committee
of the Red Cross, endeavours
in the hospitals of Wazir Akbar Khan
and Karte Seh in Kabul, Afghanistan
- 1991 Abbé Pierre (France)
- 1986 United Nations Refugee Agency
- 1978 Mother Teresa of Calcutta
(India/Macedonia)
- 1962 H.H. John XXIII (Vatican City/Italy)
- 1961 Nobel Foundation

International E. Balzan Prize Foundation "Prize"

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International E. Balzan Prize Foundation "Fund"

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