

TABLE OF CONTENTS (see bookmarks)

1. Announcing the 2021 Balzan Prize for Art and Archaeology of the Ancient Near East
2. Announcing the 2021 Balzan Prize for the other three fields
3. The Balzan Prize: a Prize that Rewards Research
4. Subject areas for the 2021 prizes
5. History of the Balzan prize
6. Winners from 1962 to today
7. Winners of the Peace prize
8. Winners in order of nationality
9. Committee of the Balzan Prize Committee



International Balzan Prize Foundation

Press Release

Announcing the 2021 Balzan Prize for Art and Archaeology of the Ancient Near East

Milan, 2 February 2022 – The International Balzan Foundation announces that the working team composed of **Giorgio Buccellati and Marilyn Kelly Buccellati** has been awarded the 2021 Balzan Prize for Art and Archaeology of the Ancient Near East.

The prize, which was not announced on 13 September 2021 as the deliberations of the General Prize Committee Prize Committee, chaired by Prof. Luciano Maiani, were not completed, was awarded to them with the following motivation:

For their achievements in the study of Hurrian culture and for highlighting its importance as the foundation of a great urban civilization, among the most flourishing in the ancient Near East in the third millennium BCE; for promoting a digital approach to the study of archaeology; for enhancing theoretical reflection on the nature of this discipline.

The winners, both professors at the University of California, Los Angeles, will receive the prize on **1 July 2022 in Bern** alongside the other 2021 Prizewinners:

- Saul Friedländer (Israel/USA), University of California, Los Angeles, for Holocaust and Genocide Studies;
- Jeffrey Gordon (USA), Washington University in St. Louis, for Microbiome in Health and Disease;
- the working group composed of Alessandra Buonanno (Italy/USA/Germany), Max Planck Institute for Gravitational Physics, and Thibault Damour (France), Institut des Hautes Études Scientifiques, Paris, for Gravity: Physical and Astrophysical Aspects.

Each winner will receive 750,000 CHF (approximately 724,000 euro), half of which must be invested in research. Since 2021, the rules and regulations of the General Prize Committee stipulate that the Prizewinners must use half of the amount of their prize to finance research carried out by young researchers.

Every year, four new subject areas are chosen from these two broad categories: literature, moral sciences, and the arts; and physical, mathematical and natural sciences, and medicine. This rotation of subject areas makes it possible to give precedence to new or emerging lines of research, and to support important areas of study that might be overlooked by other major international awards.

The International Balzan Foundation, founded in 1956, has two headquarters. At the International Balzan Foundation “Prize” in Milan, with Alberto Quadrio Curzio as President, the General Prize Committee chaired by Luciano Maiani selects the candidates and chooses the subject areas in which to award prizes. The International Balzan Foundation “Fund”, in Zurich, with Gisèle Girgis-Musy as President, administers Eugenio Balzan’s estate, and provides the financial means necessary for the International Balzan Prize Foundation “Prize” to do its work.



International Balzan Prize Foundation

Press Release - 13 September 2021

The 2021 Balzan Prizewinners

One of the prizes was not awarded at this time

The amount of each prize is 750,000 CHF (approximately 690,000 EUR; 815,000 USD; 590,000 GBP) for each subject area.

Half of the total amount must be used for projects that involve young researchers.

Milan, 13 September 2021 – The winners of the 2021 Balzan Prizes are:

- **Saul Friedländer** (Israel), University of California Los Angeles, for *Holocaust and Genocide Studies*
- The 2021 Balzan Prize for *Art and Archaeology of the Ancient Near East* **was not awarded at this time.**
- **Jeffrey Gordon** (USA), Washington University Saint Louis, for *Microbiome in Health and Disease*
- **Alessandra Buonanno** (Italy), Albert Einstein Institut, Potsdam, and **Thibault Damour** (France), Institut des Hautes Études Scientifiques, Paris, for *Gravity: Physical and Astrophysical Aspects*

The Balzan General Prize Committee reached its decision at its annual conclusive plenary meeting, where it evaluated and selected the candidates put forward by academies, universities, and research centres around the world. The Committee based its choice on the validity, current relevance and coherence of the candidates' research, identifying the specific factors that guarantee the advancement of knowledge in the respective fields of study.

The names of the winners were announced today in Milan by the President of the Balzan Foundation "Prize", **Alberto Quadrio-Curzio**, and by the Chairman of the Balzan General Prize Committee, **Luciano Maiani**, during the traditional evening event held at the Fondazione Corriere della Sera.

Each winner will receive 750,000 CHF (approximately 690,000 EUR; 815,000 USD; 519,000 GBP), half of which must be invested in research. Since 2001, the rules and regulations of the General Prize Committee stipulate that the Prizewinners must use half of the amount of their prize to finance research carried out by young researchers.

Every year, four new subject areas are chosen from these two broad categories: literature, moral sciences, and the arts; and physical, mathematical and natural sciences, and medicine. This rotation of subject areas makes it possible to give precedence to new or emerging lines of research, and to support important areas of study that might be overlooked by other major international awards.

In its sixty years of existence, the Balzan Prize has come full circle in recognizing all fields of knowledge, thus achieving the Foundation's goal – as stated in the rules and regulations – of fostering culture, the sciences and the most meritorious humanitarian initiatives, regardless of nationality, race or creed.

After announcing the winners of the 2021 Balzan Prizes, the Chairman of the General Prize Committee, Luciano Maiani, announced the **subject areas for 2022**:

- **Moral Philosophy**
- **Ethnomusicology**
- **Biomaterials for nanomedicine and tissue engineering**
- **Glaciation and ice-sheet dynamics**

In 2022, the amount of each Balzan Prize will be 750,000 CHF.

>> *The Motivations*



International Balzan Prize Foundation

The Motivations for the 2021 Balzan Prizes
Presented at the announcement of the winners on 13 September 2021

Peter Kuon and Marjan Schwegman of the Balzan General Prize Committee read the motivation for the Balzan Prize for *Holocaust and Genocide Studies* to **Saul Friedländer**:

For his unparalleled impact on the development of Holocaust Studies. For his masterpiece, an integrated history of the persecution and extermination of all European Jews. For creating a historical narrative that expresses the unspeakable, intertwining scholarly analysis with the disruptive voices of the victims, perpetrators and bystanders.

The 2021 Balzan Prize for *Art and Archaeology of the Ancient Near East* **was not awarded at this time.**

Jules Hoffmann of the Balzan General Prize Committee read the motivation for the Balzan Prize for *Microbiome in Health and Disease* to **Jeffrey Gordon**:

For founding the field of human microbiome research and revolutionizing our understanding of its roles in health and disease, including in our nutritional status.

Paolo de Bernardis of the Balzan General Prize Committee read the motivation for the Balzan Prize for *Gravity: Physical and Astrophysical Aspects* to **Alessandra Buonanno and Thibault Damour**:

For their leadership in the prediction of the gravitational wave signals produced when compact objects like neutron stars and black holes spiral together and eventually merge. Their work was instrumental in the detection of gravitational waves, providing an extremely accurate confirmation of General Relativity as the theory of gravitation, and allowing the LIGO and Virgo detector complex to promote a type of astronomy which uses gravitational waves as new, powerful messengers of the universe.



International Balzan Foundation

Press release

The Balzan Prize: a Prize that Rewards Research *34,6 million Swiss Francs of research funding in all fields of knowledge*

Milan / Zurich, 13 September 2021 - **On the basis of the Balzan Foundation Statute promulgated in 2001, Balzan Prizewinners must apportion half of the value of the Prize to the financing of research projects involving a new generation of young researchers.** These research projects in particular illustrate the unique vocation of the Balzan Prize: to produce research in new fields by academics in the early stages of their careers.

In 20 years (2001-2020), the Balzan Prize has funded 79 research projects in all academic disciplines. More than 500 young researchers from more than 20 countries have been involved directly or indirectly.

With the share of the Prizes awarded in 2020, the total amount of research funding by the Balzan Prize reached 34,6 million Swiss francs (approx. EUR 32 000 000, US\$ 37 600 000).

New research projects will be proposed by this year's Prizewinners, all in the 2021 prize subjects.

Following established procedure, these project proposals contain the parameters of the research, institutions and research centres to be involved, the names of designated research supervisors, and a tentative list of young researchers to be employed. Upon approval by the Balzan General Prize Committee, the funds 375,000 SFR. (approx. 350,000 Euro, 410,000 USD) – will be released by the Balzan 'Fund' Foundation to each of the four new research projects.

The Balzan 'Prize' Foundation follows the progress of the research projects, designating a member of the Balzan General Prize Committee as advisor at the Prizewinner's request. Reports and updates on the developments of their projects are provided by the Prizewinners on a regular basis. To date, output has been characterized by the publication of hundreds of notable academic articles and groundbreaking volumes, in addition to conferences and workshops.

The volume *The Balzan Prizewinners' Research Projects: An Overview* reports on all projects carried out and still operating at the time of publication. Originally released in 2010, it has been updated every two years, with the latest edition appearing in 2018. The complete volume may be downloaded in the "publications" section on the Balzan website: www.balzan.org.

News of upcoming and past events regarding the Balzan Research Projects are regularly posted in the section on the Balzan Research Projects on the Foundation's homepage www.balzan.org.



2021 Balzan Prize Subject areas

■ Holocaust and Genocide Studies

This field, which has developed over the past 20 years, has a strong international and multidisciplinary character, with impulses from history, social sciences, literature, film studies and law. It is both a continuation and an extension of the 'older' field of Holocaust Studies in the sense that it draws upon the vast knowledge of the Holocaust and integrates it into a broad, often comparative perspective. This development has been strongly stimulated by the opening of important archives and libraries in former communist countries in Eastern Europe, Russia, and the Baltic States. New research has deeply changed knowledge of the Holocaust and has made the study of massive violence under different political regimes possible. Thus, the field of Holocaust and Genocide Studies – like studies on the Holocaust itself or studies on specific genocides – is characterized by a broad, comparative and/or interdisciplinary approach.

■ Art and Archaeology of the Ancient Near East

The subject has been firmly rooted in the European and North American academy (and recently also in the Near East, Japan, China, and Latin America) since the beginning of the twentieth century, when the relevant historical phase of the archaeology of the great civilizations of the pre-classical Orient started, after the pioneer phase of Biblical inspiration in the second half of the nineteenth century.

Generally speaking, this denomination concerns the study of the material and artistic culture of the great civilizations in the large geographic area that extends from the shores of the Eastern Mediterranean to the Indus Valley, in close relation to adequate, non-specialistic knowledge of some of the main historical languages of the pre-classical Orient. Traditionally, this academic discipline deals mainly with the extremely rich archaeological evidence from Mesopotamia, Anatolia, Syria, Palestine, and Iran, from the proto-historic phases to the Hellenistic period of the Orient. For the wealth and variety of this archaeological evidence, this discipline combines strictly archaeological research and studies with historical-artistic research.

■ Microbiome in Health and Disease

The concept of the microbiome refers to the associations of microbial communities (fungi, bacteria, archaea, viruses, parasites) with host tissues, namely the oral cavities, the gut, the vagina, and the skin. In humans it is estimated that the number of genes present in the microbiome of an individual outnumbers by a factor of ten the number of genes of the host. Over the past 15 years, the spectacular development of sequencing techniques, combined with refinements in bioinformatics, has led to remarkable progress in the field. Unexpected roles for microbiotic communities were unravelled in development and disease in humans and in most organisms. While continuing these analyses, the field now focuses on the understanding of the molecular mechanisms by which microbiota interact within their complex associations and with their hosts in specific biogeographic areas of the body, and on the isolation and characterization of the molecules which mediate these interactions.

■ Gravitation: physical and astrophysical aspects

Gravitation, the most far-reaching of the known fundamental forces in nature, has been explored systematically now for 350 years, but it is still an enigmatic phenomenon. Although described very well for a century by the Theory of General Relativity, this theory is probably not the definitive one in view of its incompatibility with quantum physics. Moreover, although various attempts to reconcile these two great twentieth-century theories in physics have been made (by quantum gravity, super-string theory, etc.), there is still no satisfactory unifying theory. In this situation, very accurate laboratory experiments as well as precise studies of the effects of gravitation on the largest scales may lead to the discovery of “smoking guns” that could suggest modifications of the theory, or new avenues towards new theories. The effects of gravitation in the universe are, as such, quite impressive. It is the dominating force in the formation of the largest structures, the galaxies, and clusters of galaxies, where gravitation from dark matter, until now a poorly understood component, plays the main role.



International Balzan Foundation

The Foundation
The Prizewinners
The Bodies

September 2021

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International Balzan Foundation

The International Balzan Foundation was created in 1957 to recognize the most outstanding initiatives of peace and brotherhood among peoples and foster their growth in the scientific and cultural world. The main objective of the Foundation is to award the Balzan Prize. The Foundation operates on an international level through two bases, which are legally distinct bodies. The “Prize” Foundation, with headquarters in Milan is mainly concerned with the selection of candidates and the awarding of the prizes; the “Fund” Foundation in Zurich administers the Balzan estate. The executive bodies of the two Foundations are its two Boards.

The Balzan Prizes are assigned by the General Prize Committee, a body working within the “Prize” Foundation in Milan. It is comprised of twenty members of the most prestigious learned societies from all over Europe.

Each year, the General Prize Committee establishes the subject areas for the awards and chooses the winners from among the nominations entered by the world’s most important international cultural institutions (universities, research institutes, academies) at the Foundation’s request, and by leading figures whom the General Prize Committee recognizes as competent in the chosen fields for that year.

Balzan Prizes

Every year, the four Balzan Prizes are awarded to scholars and scientists who are distinguished in their fields on an international level. The aim of the Balzan prizes is to foster culture, the sciences and the most outstanding humanitarian initiatives of peace and brotherhood among peoples, regardless of nationality, race or creed.

The four subject areas for the awards change every year. As stipulated in the Articles of the Balzan Foundation, they are selected from among “literature, the moral sciences and the arts” and “the physical, mathematical and natural sciences and medicine”. Rotating the subjects ensures that new or emerging research gets recognition, while at the same time it supports important fields of study that may have been overlooked by other great international awards.

Since 2001, the rules of procedure of Balzan’s General Prize Committee have established a stipulation that prizewinners must destine half of the Prize they receive for financing research projects that are preferably carried out by young scholars or scientists.

Special Prize for Humanity, Peace and Fraternity Among Peoples

The Prize for Humanity, Peace and Fraternity among Peoples is a special prize assigned by the Balzan Foundation at variable intervals, of at least three years. It is destined for a person or organisation that has achieved distinction for outstanding humanitarian work.

Eugenio Balzan Biography

Eugenio Balzan was born in Badia Polesine (Rovigo) on 20 April 1874 to a family of impoverished landowners. Most of his career was dedicated to working for the Italian national daily, *Corriere della Sera* in Milan.

He originally started working for the newspaper in 1897, and within a very short period of time he had worked his way up from editorial assistant, to news editor and special correspondent. In 1903, the Editor Luigi Albertini made him managing director of the paper’s publishing house, he then became a partner with a small shareholding in the company. A capable and shrewd administrator as well as a prominent figure in the higher echelons of Milan society, he left Italy in 1933 because of the hostile attitude of the Fascist regime to the *Corriere*’s independent journalistic stance. He moved to Switzerland, first Zurich and then Lugano, where he had invested his earnings. Once he had established himself there, he continued with his intense charitable efforts in favour of individuals and organizations. Eugenio Balzan officially returned to Italy in 1950. He died in Lugano, in Italian-speaking Switzerland, 15 July 1953. The International Balzan Foundation was founded in 1957, when Angela Lina Balzan, inspired by her father Eugenio Balzan’s intentions, decided that the considerable inheritance left to her at his death should be used for an institution in honour of his memory.



Balzan Prizewinners

2020	ANTÔNIO AUGUSTO CANÇADO TRINDADE (BRAZIL)	Human Rights
	JOAN MARINEZ ALIER (SPAIN)	Environmental Challenges: Responses from the Social Sciences and the Humanities
	JEAN-MARIE TARASCON (BRAZIL)	Environmental Challenges: Responses from the Social Sciences and the Humanities
	SUSAN TRUMBORE (GERMANY/USA)	Earth System Dynamics
2019	LUIGI AMBROSIO (ITALY)	Theory of Partial Differential Equations
	JACQUES AUMONT (FRANCE)	Film Studies
	MICHAEL COOK(UK)	Islamic Studies
	RESEARCH GROUP VON MUTIUS, RABE, SEEGER, WELTE (GERMANY)	Pathophysiology of respiration
2018	EVA KONDOROSI (HUNGARY/FRANCE)	Chemical Ecology
	DETLEF LOHSE (NETHERLANDS/GERMANY)	Fluid Dynamics
	JÜRGEN OSTERHAMMEL (GERMANY)	Global History
	MARILYN STRATHERN (UK)	Social Anthropology
2017	BINA AGARWAL (INDIA/UK)	Gender Studies
	ALEIDA AND JAN ASSMANN (GERMANY)	Collective Memory
	JAMES P. ALLISON AND ROBER D. SCHREIBER (USA)	Immunological Approaches in Cancer Therapy
	MICHAEL GILLON (BELGIUM)	The Sun's Planetary System and Exoplanets
2016	PIERO BOITANI (ITALY)	Comparative Literature
	FEDERICO CAPASSO (ITALY/USA)	Applied Photonics
	RAINHARD JAHN (GERMANY)	Molecular and Cellular Neurosciences
	ROBERT O. KEOHANE (USA)	International relations: History and Theory
2015	HANS BELTING (GERMANY)	History of European Art - 1300-1700
	FRANCIS HALZEN (BELGIUM/USA)	Astroparticle Physics incl. neutrino and gamma-ray observation
	DAVID MICHAEL KARL (USA)	Oceanography
	JOEL MOKYR (USA/ISRAEL)	Economic History
2014	IAN HACKING (CANADA)	Epistemology and Philosophy of Mind
	DENNIS SULLIVAN (USA)	Mathematics (pure or applied)
	DAVID TILMAN (USA)	Basic and/or applied Plant Ecology
	MARIO TORELLI (ITALY)	Classical Archaeology
2013	ALAIN ASPECT (FRANCE)	Quantum Information Processing and Communication
	MANUEL CASTELLS (USA/CATALUNYA)	Sociology
	PASCALE COSSART (FRANCE)	Infectious diseases: basic and clinical aspects.
	ANDRÉ VAUCHEZ (FRANCE)	Medieval History



2012	RONALD DWORKIN (USA)	Jurisprudence
	REINHARD STROHM (GERMANY)	Musicology
	KURT LAMBECK (AUSTRALIA)	Solid Earth Sciences, emphasis on interdisciplinary research
	DAVID BAULCOMBE (UK)	Epigenetics
2011	BRONISLAW BACZKO (SWITZERLAND/POLAND)	Enlightenment Studies
	PETER R.L. BROWN (IRELAND)	Ancient History (The Graeco-Roman World)
	RUSSELL S. LANDE (UK/USA)	Theoretical Biology or Bioinformatics
2010	MANFRED BRAUNECK (GERMANY)	The History of Theatre in All Its Aspect
	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
	PAOLO ROSSI (ITALY)	The History of Science
	BRENDA MILNER (CANADA/UK)	Cognitive Neurosciences
	MICHAEL GRÄTZEL (SWITZERLAND/GERMANY)	The Science of New Materials
2008	MAURIZIO CALVESI (ITALY)	The Visual Arts since 1700
	THOMAS NAGEL (USA)	Moral Philosophy
	IAN FRAZER (AUSTRALIA)	Preventive Medicine, Including Vaccination
	WALLACE BROECKER (USA)	Science of Climate Change
2007	ROSALYN HIGGINS (UK)	International Law since 1945
	SUMIO IJIMA (JAPAN)	Nanoscience
	MICHEL ZINK (FRANCE)	European Literature (1000-1500)
	BRUCE BEUTLER AND JULES HOFFMANN (USA - FRANCE)	Innate Immunity
2006	LUDWIG FINSCHER (GERMANY)	The History of Western Music since 1600
	QUENTIN SKINNER (UNITED KINGDOM)	Political Thought; History and Theory
	PAOLO DE BERNARDIS AND ANDREW LANGE (ITALY - USA)	Observational Astronomy and Astrophysics
	ELLIOT MEYEROWITZ AND CHRISTOPHER SOMERVILLE (USA-CANADA)	Plant Molecular Genetics
2005	PETER AND ROSEMARY GRANT (USA/UK)	Population Biology
	PETER HALL (UK)	Social and Cultural History of Cities since 16th Century
	RUSSELL HEMLEY AND HO-KWANG MAO (USA - USA/CHINA)	Mineral Physics
	LOTHAR LEDDEROSE (GERMANY)	The History of the Art of Asia
2004	PIERRE DELIGNE (USA/BELGIUM)	Mathematics
	MICHAEL MARMOT (UK)	Epidemiology
	NIKKI RAGOZIN KEDDIE (USA)	The Islamic World from the End of 19th to the end of 20th
	COLIN RENFREW (UK)	Prehistoric Archaeology
2003	ERIC HOBSBAWM (UK)	European History since 1900
	SERGE MOSCOVICI (ROMANIA/FRANCE)	Social Psychology
	WEN-HSIUNG LI (TAIWAN)	Genetics and Evolution
	REINHARD GENZEL (GERMANY)	Infrared Astronomy



2002	DOMINIQUE SCHNAPPER (FRANCE)	Sociology
	ANTHONY GRAFTON (USA)	History of the Humanities
	WALTER GEHRING (SWITZERLAND)	Developmental Biology
	XAVIER LE PICHON (FRANCE)	Geology
2001	JAMES SLOSS ACKERMAN (USA)	History of Architecture
	MARC FUMAROLI (FRANCE)	Literary History and Criticism (Post 1500)
	JEAN-PIERRE CHANGEUX (FRANCE)	Cognitive Neurosciences
	CLAUDE LORIUS (FRANCE)	Climatology
2000	MARTIN LITCHFIELD WEST (UK)	Classical Antiquity
	MICHAEL STOLLEIS (GERMANY)	Legal History since 1500
	ILKKA HANSKI (FINLAND)	Ecological Sciences
	MICHEL MAYOR (SWITZERLAND)	Instrumentation and Techniques in Astronomy and Astrophysics
1999	LUIGI LUCA CAVALLI-SFORZA (USA/ITALY)	Science of Human Origins
	JOHN ELLIOTT (UK)	History, 1500-1800
	MIKHAEL GROMOV (FRANCE/RUSSIA)	Mathematics
	PAUL RICOEUR (FRANCE)	Philosophy
1998	HARMON CRAIG (USA)	Geochemistry
	ROBERT MCCREDIE MAY (AUSTRALIA/UK)	Biodiversity
	ANDRZEJ WALICKI (POLAND/USA)	History: 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 Sciences: Social Anthropology
1996	ARNO BORST (GERMANY)	History: Medieval Cultures
	ARNT ELIASSEN (NORWAY)	Meteorology
	STANLEY HOFFMANN (AUSTRIA/ USA/FRANCE)	Political Sciences: Contemporary International Relations
1995	YVES BONNEFOY (FRANCE)	Art History and Criticism (European Art From Middle Ages)
	CARLO M. CIPOLLA (ITALY)	Economic History
	ALAN J. HEEGER (USA)	Science of New Non-Biological Materials
1994	FRED HOYLE AND MARTIN SCHWARZSCHILD (UK-GERMANY/USA)	Astrophysics (Evolution of Stars)
	RENÉ COUTEAUX (FRANCE)	Biology (Cell-Structure Reference to Nervous System)
	NORBERTO BOBBIO (ITALY)	Law and Political Science (Governments and Democracy)
1993	WOLFGANG H. BERGER (GERMANY/USA)	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 (SWITZERLAND/USA)	Mathematics
	GIOVANNI MACCHIA (ITALY)	History and Criticism of the Literatures
	EBRAHIM M. SAMBA (GAMBIA)	Preventive Medicine
1991	JOHN MAYNARD SMITH (UK)	Genetics and Evolution
	GYÖRGY LIGETI (AUSTRIA/HUNGARY)	Music
	VITORINO MAGALHÃES GODINHO (PORTUGAL)	History: The Emergence of Europe in 15th and 16th Centuries



1990	PIERRE LALIVE D'EPINAY (SWITZERLAND)	Private International Law
	JAMES FREEMAN GILBERT (USA)	Geophysics (Solid Earth)
	WALTER BURKERT (GERMANY)	Study of the Ancient World (Mediterranean Area)
1989	MARTIN JOHN REES (UK)	High Energy Astrophysics
	LEO PARDI (ITALY)	Ethology
	EMMANUEL LÉVINAS (FRANCE/LITHUANIA)	Philosophy
1988	MICHAEL EVENARI AND OTTO L. LANGE (ISRAEL - GERMANY)	Applied Botany (Including Ecological Aspects)
	RENÉ ETIEMBLE (FRANCE)	Comparative Literature
	SHMUEL NOAH EISENSTADT (POLAND/ISRAEL)	Sociology
1987	PHILLIP V. TOBIAS (SOUTH AFRICA)	Physical Anthropology
	JEROME SEYMOUR BRUNER (USA)	Human Psychology
	RICHARD W. SOUTHERN (UK)	Medieval History
1986	JEAN RIVERO (FRANCE)	Basic Human Rights
	OTTO NEUGEBAUER (AUSTRIA/USA)	History of Science
	ROGER REVELLE (USA)	Oceanography/Climatology
1985	ERNST H.J. GOMBRICH (AUSTRIA/UK)	History of Western Art
	JEAN PIERRE SERRE (FRANCE)	Mathematics
1984	JAN HENDRIK OORT (THE NETHERLANDS)	Astrophysics
	SEWALL WRIGHT (USA)	Genetics
	JEAN STAROBINSKI (SWITZERLAND)	History and Criticism of the Literatures
1983	FRANCESCO GABRIELI (ITALY)	Oriental Studies
	ERNST MAYR (USA)	Zoology
	EDWARD SHILS (USA)	Sociology
1982	JEAN BAPTISTE DUROSELLE (UK)	Social Sciences
	MASSIMO PALLOTTINO (ITALY)	Sciences of Antiquity
	KENNETH VIVIAN THIMANN (USA)	Pure and Applied Botany
1981	JOSEF PIEPER (GERMANY)	Philosophy
	PAUL REUTER (FRANCE)	International Public Law
	DAN MCKENZIE, DRUMMOND MATTHEWS AND FREDERICK VINE (UK)	Geology and Geophysics
1980	ENRICO BOMBIERI (ITALY/USA)	Mathematics
	JORGE LUIS BORGES (ARGENTINA)	Philology, Linguistics and Literary Criticism
	HASSAN FATHY (EGYPT)	Architecture and Town Planning
1979	JEAN PIAGET (SWITZERLAND)	Moral and Political Sciences
	GIUSEPPE TUCCI (ITALY) AND ERNEST LABROUSSE (FRANCE)	History (Ex Aequo)
	TORBJÖRN CASPERSSON (SWEDEN)	Biology
1962	KARL VON FRISCH (AUSTRIA)	Biology
	ANDREJ KOLMOGOROV (RUSSIA)	Mathematics
	PAUL HINDEMITH (GERMANY)	Music
	SAMUEL ELIOT MORISON (USA)	History



Past Prizewinners: Humanity, Peace and Fraternity Among Peoples

The Prize for humanity, peace and fraternity among peoples is a special prize assigned by the Balzan Foundation at variable intervals, but never less than three years apart. It is destined for a person or organisation that has achieved distinction for outstanding humanitarian work.

2018	TERRE DES HOMMES – PROJECT SIMESON (SWITZERLAND)
2014	VIVRE EN FAMILLE (FRANCE)
2007	KARLHEINZ BÖHM, ORGANISATION MENSCHEN FÜR MENSCHEN, AID FOR ETHIOPIA (AUSTRIA/GERMANY)
2004	COMMUNITY OF SANT'EGIDIO - DREAM PROGRAMME COMBATING AIDS AND MALNUTRITION IN MOZAMBIQUE (HEADQUARTERS: ITALY)
2000	ABDUL SATTAR EDHI (PAKISTAN/INDIA)
1996	INTERNATIONAL COMMITTEE OF THE RED CROSS, ENDEAVOURS IN THE HOSPITAL OF WAZIR AKBAR KHAN AND KARTE SHE IN KABUL, AFGHANISTAN (SWITZERLAND)
1991	ABBÉ PIERRE (FRANCE)
1986	UNITED NATIONS HIGH COMMISSIONER FOR REFUGEES - UNHCR (HEADQUARTERS: SWITZERLAND)
1978	MOTHER TERESA OF CALCUTTA (INDIA/MACEDONIA)
1962	H.H. JOHN XXIII (VATICAN CITY/ITALY)
1961	NOBEL FOUNDATION (HEADQUARTERS: SWEDEN)



Nationalities of the Balzan Prizewinners

ARGENTINA	Jorge Luis Borges	1980	Philology, Linguistics and Literary Criticism
AUSTRALIA	Ian Frazer	2008	Preventive Medicine, inc. Vaccination
AUSTRALIA/UK	Robert McCredie May	1998	Biodiversity
AUSTRIA	Karl von Frisch	1962	Biology
AUSTRIA/HUNG/ROM	Gyorgy Ligeti	1991	Music
BELGIUM	Michaël Gillon	2017	The Sun's Planetary System and Exoplanets
BELGIUM/USA	Pierre Deligne	2004	Mathematics
	Francis Halzen	2015	Astroparticle Physics including neutrino and gamma-ray observ
BRAZIL	Jacob Palis	2010	Mathematics (pure and applied)
	Antonio Augusto Cançado Trindade	2020	Human Rights
CANADA	Brenda Milner	2009	Genetics and evolution
	Ian Hacking	2014	Epistemology and Philosophy of Mind
EGYPT	Hassan Fathy	1980	Architecture and Urban Planning
FINLAND	Ilkka Hanski	2000	Ecological Sciences
FRANCE	Ernest Labrousse (+ G.Tucci)	1979	History
	Paul Reuter	1981	International Public Law
	Jean Baptiste Duroselle	1982	Social Sciences
	Jean-Pierre Serre	1985	Mathematics
	Jean Rivero	1986	Basic Human Rights
	René Etiemble	1988	Comparative Literature
	Jean Leclant	1993	Art and Archeology of the Ancient World
	René Couteaux	1994	Biology (Cell-Structure
	Yves Bonnefoy	1995	Art History and Art Criticism
	Paul Ricoeur	1999	Philosophy
	Jean-Pierre Changeux	2001	Cognitive Neurosciences
	Claude Lorius	2001	Climatology
	Marc Fumaroli	2001	Literary History and Criticism (post 1500)
	Xavier Le Pichon	2002	Geology
	Dominique Schnapper	2002	Sociology
	Michel Zink	2007	European Literature (1000-1500)
	Jules Hoffmann (+ B.Beutler)	2007	Innate Immunity
	Alain Aspect	2013	Quantum Information and Communication
	Pascale Cossart	2013	Infectious Diseases, basic and clinical Aspects
	André Vauchez	2013	Medieval History
	Jacques Aumont	2019	Film Studies
	Jean-Marie Tarascon	2020	Environmental Challenges: Responses from the Social Sciences and the Humanities
FRANCE/LITHUANIA	Emmanuel Lévinas	1989	Philosophy
FRANCE/ROMANIA	Serge Moscovici	2003	Social Psychology
FRANCE /RUSSIA	Mikhail Gromov	1999	Mathematics
FRANCE/USA/AUSTRIA	Stanley Hoffmann	1996	Political Science: Contemporary International Relations



GAMBIA	Ebrahim Samba	1992	Preventive Medicine
GERMANY	Paul Hindemith	1962	Music
	Josef Pieper	1981	Philosophy
	Otto Ludwig Lange (+ M.Evenari)	1988	Applied Botany (incl. ecological aspects)
	Walter Burkert	1990	The Study of the Ancient World (Mediterranean)
	Lothar Gall	1993	History: Societies of the 19th and 20th Cent
	Arno Borst	1996	History: Medieval Cultures
	Michael Stolleis	2000	Legal History since 1500
	Reinhard Genzel	2003	Infrared Astronomy
	Lothar Ledderose	2005	The History of the Art of Asia
	Ludwig Finscher	2006	The History of Western Music since 1600
	Manfred Brauneck	2010	History of Theatre in all its Aspects
	Reinhard Strohm	2012	History of Music
	Hans Belting	2015	History of Art (1300-1700)
	Reinhard Jahn	2016	Molecular and Cellular Neurosciences
	Aleida and Jan Assmann	2017	Collective Memory
	Jürgen Osterhammel	2018	Global History
	Research Group von Mutius, Rabe, Seeger, Welte - DZL	2019	Pathophysiology of Respiration
GERMANY/USA	Suasan Trumbore	2020	Earth System Dynamics
HUNGARY/FRANCE	Eva Kondorosi	2018	Chemical Ecology
INDIA/UK	Bina Agarwal	2017	Gender Studies
IRELAND	Peter Brown	2011	Ancient History (graeco-roman World)
ISRAEL	Michael Evenari (+ O.L.Lange)	1988	Applied Botany (incl. ecological aspects)
ISRAEL/POLAND	Shmuel Noah Eisenstadt	1988	Sociology
ITALY	Giuseppe Tucci (+ E.Labrousse)	1979	History
	Enrico Bombieri	1980	Mathematics
	Massimo Pallottino	1982	Science of Antiquity
	Francesco Gabrieli	1983	Oriental Studies
	Leo Pardi	1989	Ethology
	Giovanni Macchia	1992	History and Criticism of Literatures
	Norberto Bobbio	1994	Law and Political Science
	Carlo Cipolla	1995	Economic History
	Luigi Luca Cavalli-Sforza	1999	Science of Human Origins
	Calvesi	2008	Visual Arts since 1700
	Paolo Rossi Monti	2009	History of Science
	De Bernardis (+ A.Lange)	2006	Observational Astronomy and Astrophysics
	Carlo Ginzburg	2010	History of Europe 1400-1700
	Mario Torelli	2014	Classical Archaeology
	Piero Boitani	2016	Comparative Literature
	Luigi Ambrosio	2019	Theory of Partial Differential Equations
ITALY/USA	Federico Capasso	2016	Applied Photonics



JAPAN	Sumio Iijima	2007	Nanoscience
	Shinya Yamanaka	2010	Stem Cells: Biology and Pot. Applications
NETHERLANDS	Jan Hendrik Oort	1984	Astrophysics
NETHERLANDS/GERMANY	Detlef Lohse	2018	Fluid Dynamics
NORWAY	Arnt Eliassen	1996	Meteorology
POLAND/SWITZERLAND	Bronislaw Baczko	2011	Enlightenment Studies
POLAND/USA	Andrzej Walicki	1998	Cultural and Social History of the Slavonic World
PORTUGAL	Vitorino Magalhães Godinho	1991	History: the Emergence of Europe 15th and 16th Ce
RUSSIA	Andrej Kolmogorov	1962	Mathematics
SOUTH AFRICA	Phillip Tobias	1987	Physical Anthropology
SPAIN	Joan Martinez Alier	2020	Environmental Challenges: responses from the Social Sciences and Humanities
SRI LANKA/USA	Stanley Jeyaraja Tambiah	1997	Social Sciences: Social Anthropology
SWEDEN	Torbjörn Caspersson	1979	Biology
SWITZERLAND	Jean Piaget	1979	Social and Political Sciences
	Jean Starobinski	1984	History and Criticism of Literatures
	Pierre Lalive d'Epina	1990	Private International Law
	Armand Borel	1992	Mathematics
	Michel Mayor	2000	Instr. and Tech in Astronomy -Astrophysics
	Walter Gehring	2002	Developmental Biology
SWITZERLAND /GERMANY	Michael Grätzel	2009	The Science of New Materials
UKITED KINGDOM	D. McKenzie + D. Mathews + F. J.Vine	1981	Geology and Geophysics
	Richard Southern	1987	Medieval History
	Martin John Rees	1989	High Energy Astrophysics
	John Maynard Smith	1991	Genetics and Evolution
	Fred Hoyle (+ M.Schwarzschild)	1994	Astrophysics (Evolution of Stars)
	Thomas Wilson Meade	1997	Epidemiology
	John Elliott	1999	History, 1500-1800
	Martin Litchfield West	2000	Classical Antiquity
	Michael Marmot	2004	Epidemiology
	Colin Renfrew	2004	Prehistoric Archaeology
	Peter Hall	2005	Social and Cultural History of Cities since 16th C
	Quentin Skinner	2006	Political Thought; History and Theory
	Rosalyn Higgins	2007	International Law since 1945
	Terence Cave	2009	Literature since 1500
	Marilyn Strathern	2018	Social Anthropology
	Michael Cook	2019	Islamic Studies
UK/AUSTRIA	Ernst Gombrich	1985	History of Western art
UK/EGYPT	Eric Hobsbawm	2003	European History since 1900
UK/USA	Peter and Rosemary Grant	2005	Population Biology
	Joseph Silk	2011	The early Universe from the Planck Time to the first Galaxies
USA	Samuel Eliot Morison	1962	History
	Edward Shils	1983	Sociology
	Sewall Wright	1984	Genetics



	Roger Revelle	1986	Oceanography/Climatology
	Jerome Seymour Bruner	1987	Human Psychology
	James Freeman Gilbert	1990	Geophysics (Solid Earth)
	Wolfgang Berger	1993	Paleontology special ref.to Oceanography
	Alan J. Heeger	1995	Science of New Non-Biological Materials
	Charles Coulton Gillispie	1997	History and Philosophy of Science
	Harmon Craig	1998	Geochemistry
	James Sloss Ackerman	2001	History of Architecture
	Anthony Grafton	2002	History of the Humanities
	Nikki Ragozin Keddie	2004	The Islamic World from the End of the 19th Century
	Russell Hemley (+ Mao)	2005	Mineral Physics
	Andrew Lange (+ de Bernardis)	2006	Observational Astronomy and Astrophysics
	Wallace Broecker	2008	Science of Climate Change
	Dennis Sullivan	2014	Mathematics (pure or applied)
	David Tilman	2014	Basic and/or applied Plant Ecology
	Robert O. Keohane	2017	International Relations, History and Theory
	James P. Allison (+ R.D. Schreiber)	2017	Immunological Approaches in Cancer Therapy
	Robert D. Schreiber (+ J.P. Allison)	2017	The Sun's Planetary System and Exoplanets
USA/AUSTRIA	Otto Neugebauer	1986	History of Science
USA/CATALUNYA	Manuel Castells	2013	Sociology
USA/CHINA	Ho-kwang Mao (+ R. Hemley)	2005	Mineral Physics
USA/GERMANY	Ernst Mayr	1983	Zoology
	Martin Schwarzschild (+ F.Hoyle)	1983	Astrophysics (Evolution of Stars)
USA/ISRAEL	Joel Mokyr	2015	Economic History
USA/SERBIA	Thomas Nagel	2008	Moral Philosophy
USA/TAIWAN	Weng-hsiung Li	2003	Genetics and evolution
USA/UK	Kenneth Viviani Thimann	1982	Pure and Applied Botany
	Russel Lande	2011	Theoretic Biology or Bioinformatics



International Balzan Foundation “Prize” General Prize Committee

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JULES A. HOFFMANN (France)	Vice-Chairman	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; Member of the Académie française; 2011 Nobel Prize for Physiology or Medicine
PETER KUON (Germany)	Vice-Chairman	Professor of Romance Philology at the University of Salzburg, Austria
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MARTA CARTABIA (Italy)		President Emeritus of the Italian Constitutional Court; Full Professor of Constitutional Law at Bocconi University, Milan
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PAOLO DE BERNARDIS (Italy)		Full Professor at the Department of Physics, University of Rome “La Sapienza”; Italian Principal Investigator of the international stratospheric balloon experiment BOOMERanG; Fellow of the Accademia Nazionale dei Lincei and of the Accademia Nazionale delle Scienze detta dei XL, Rome
DONATELLA DELLA PORTA (Italy)		Professor of Political Science, Dean of the Institute for Humanities and the Social Sciences and Director of the Centre of Social Movement Studies at the Scuola Normale Superiore in Florence
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ÉTIENNE GHYS (France)		Permanent Secretary of the Académie des sciences, Institut de France, Paris; Research Director CNRS (Centre National de la Recherche Scientifique), École Normale Supérieure de Lyon
ANDREA GIARDINA (Italy)		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 (UK)		Professor of Population Biology at the University of Oxford, Director of the Oxford Martin School and Fellow of Jesus College; Fellow of the Royal Society
NATHALIE HEINICH (France)		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
THOMAS MAISSEN (Switzerland)		Director of the German Historical Institute in Paris; Chair in Early Modern History at the University of Heidelberg; Member of the Heidelberger Academy of Sciences and Humanities
STEPHEN MULHALL (UK)		Professor of Philosophy, Russell H. Carpenter Fellow, and Tutor in Philosophy at New College, Oxford
MARJAN SCHWEGMAN (The Netherlands)		Professor Emeritus of Political and Cultural History of the Twentieth Century, Utrecht University; former Director of the Royal Netherlands Institute in Rome
VICTOR STOICHITA (Romania/Spain/Switzerland)		Chair of Modern Art History at the University of Fribourg, Switzerland; Foreign Fellow of the Accademia Nazionale dei Lincei, Rome
MARIA STRØMME (Sweden/Norway)		Professor of Nanotechnology, Head of Nanotechnology and Functional Materials Division, and Chairperson of Upptech, The Ångström Laboratory, Uppsala University. She is a member of the Royal Swedish Academy of Sciences, the Royal Swedish Academy of Engineering Sciences, the Norwegian Academy of Technological Sciences and the Norwegian Academy of Science and Letters
PETER SUTER (Switzerland)		Honorary Professor of Medicine at the University of Geneva; Former President of the Swiss Academy of Arts and Sciences
SUZANNE WERDER (Italy)		Secretary General



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LAURA LAERA	Retired Judge, former Vice President of the Italian Commission for Inter-country Adoption, of which she is currently an expert member
MARJAN SCHWEGMAN	Professor Emeritus of Political and Cultural History of the Twentieth Century, Utrecht University; former Director of the Royal Netherlands Institute in Rome
LAURA SADIS	MA (Economics), Swiss Taxation Expert; member of the Assembly of the International Committee of the Red Cross (ICRC); former member of the Swiss National Council; former State Councillor of the Canton Ticino, head of the Department of Financial and Economic Affairs
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International Balzan Foundation “Fund” Board of the Foundation

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ANDRÉ BANDI	Partner at Survista Financial Advisors AG; Certified Financial Analyst (SFAA); Certified International Wealth Manager CIWM; Member of the Swiss Financial Analyst Association (SFAA)
CARLO FONTANA	President of Agis (Associazione Generale Italiana dello Spettacolo), former Senator of the Italian Republic; former General Manager of Teatro alla Scala of Milan
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ALBERTO QUADRIO -CURZIO	Professor Emeritus of Political Economy as well as Founder and President of the scientific Council of the Research Centre on Economic Analysis (Cranec) at the Università Cattolica del Sacro Cuore, Milan; President Emeritus of the Accademia Nazionale dei Lincei, Rome
LAURA SADIS	MA (Economics), Swiss Taxation Expert; member of the Assembly of the International Committee of the Red Cross (ICRC); former member of the Swiss National Council; former State Councillor of the Canton Ticino, head of the Department of Financial and Economic Affairs
