

Paolo Rossi Monti †

Emeritus Professor at the Università di Firenze and a Fellow of the Accademia Nazionale dei Lincei.

2009 Balzan Prize for the History of Science

For his major contributions to the study of the intellectual foundations of science from the Renaissance to the Enlightenment.

Institution Administering Research Funds:

Istituto Nazionale di Studi sul Rinascimento, Florence

Adviser for the Balzan General Prize Committee: M.E.H. Nicolette Mout

Cosmology and Physics, Memory and Emotions: Research on the History of Science

Paolo Rossi Monti set aside half of the Balzan Prize for research that involved seven outstanding young scholars. Paolo Rossi Monti followed personally their research in detail.

Professor Paolo Rossi Monti was supported by Professor Michele Ciliberto, corresponding member of the Accademia Nazionale dei Lincei and regular Professor of Modern Philosophy at the Scuola Normale Superiore di Pisa, to follow the research on Cosmology and Physics, while Professor Bernardino Fantini, Director of the Institut d'Histoire de la Médecine et de la Santé at the Université de Genève, followed the research on the subject of Memory and Emotions. It is anticipated that a conference will be held at the Accademia Nazionale dei Lincei to present the findings and the conclusions of the projects.

The subject *Cosmology and Physics in the Sixteenth and Seventeenth Centuries* was investigated in detail with the following pre-established themes:

- Cosmology and Medicine in the High and Late Renaissance:
Olivia Catanorchi studied the interrelations between Astronomy, Cosmology and Medicine, and dedicated special attention to the work of Cornelio Gemma, who was known by Campanella and Kepler.

- Aspects of Aristotelian Physics in the Paduan Lessons of Pietro Pomponazzi:
Francesca Dell’Omodarme studied Pomponazzi’s comments and observations on the argumentation on Physics and Cosmology in Aristotle’s works.
- On the Mathematical Foundation of Giordano Bruno’s Natural Atomism:
Marco Matteoli translated the *Articuli centum et sexaginta adversus mathematicos et philosophos* for the first time into Italian (including an extensive introduction and analytical commentary), starting with his in-depth study on Bruno’s writings dedicated to Mathematics and Geometry.
- Science, Philosophy and Politics in the Venice of Paolo Sarpi:
Chiara Petrolini studied the intense intellectual exchange between Venice and England at the beginning of the seventeenth century, and in particular, the physiognomy of the so-called Sarpi circle. This theme of research is related to the cultural background of *De la Pirotechnia* by Vannuccio Biringuccio.
- The Moon in *Fabula, Istoria* and Utopia:
Natacha Fabbri identified the main sources (pre-Galileo) defining the Moon as another Earth (Proclus, Macrobius, Simplicius, Plutarch) and delineated the ways it was articulated by Bruno, Patrizi, Kepler and Wilkins.

Concerning the subject *Memory and Emotions*, the following research projects dealt with the following pre-established themes:

- Arts of Memory in the Age of the Neurosciences:
Matteo Borri followed an investigation on the historical developments of experimental research and on the theoretical contributions to the theme of memory and neurobiology, as well as techniques for increasing mnemonic power, and maintaining mnemonic functions in the presence of pathologies, thus highlighting the connections between these techniques and the *artes reminiscendi* that enjoyed widespread popularity in Europe between the fifteenth and eighteenth centuries.
- Psychiatry, Anthropology, and Scientific Psychology from Descartes to the French Enlightenment: Textual Heritage and Theoretical Influx on Freud’s Theory of Emotions:
Yamina Oudai Celso investigated the background to Freud’s Theory of Emotions.

Academic Gatherings:

Matteo Borri

- *Arti della memoria nell'era delle neuroscienze* - Presentation of the 'Balzan Research Projects – An Overview' 2010 volume, Accademia Nazionale dei Lincei, Rome, 18th November 2010

Yamina Oudai Celso

- Conference talk "Nietzsche 'first psychologist' between positivist Science and dynamic Psychiatry" at international congress "Nietzsches Wissenschaftsphilosophie – Nietzsches Philosophy of Science", Technische Universität Berlin, held in Berlin from 18th to 21st July 2010.
- Conference paper "Elektra" l'hystérique: de la Grèce archaïque à la Vienne de Freud (cours-séminaire public "Les émotions normales et pathologiques dans l'histoire de la médecine et de la musique" coordonné par Brenno Boccadoro et Bernardino Fantini, Institut d'Histoire de la Médecine et de la Santé, Université de Genève, 6th December 2010).
- Conference talk "Freud e la biologia delle emozioni" at SISSA Conference: "Cervello, emozioni, morale", held in Trieste, 8th March 2011.
- Conference talk "Mantegazza *versus* Freud: affinità elettive e corrispondenze testuali per una psicofisiologia dell'eros" at "Giornata di Studio su Paolo Mantegazza", by ISITA (Istituto Italiano di Antropologia), held in Rome, Senato della Repubblica, Palazzo Giustiniani, Sala Zuccari, 11th March 2011.
- Workshop talk "Freud et la biologie des émotions" dans le cadre du "Journal Club" de l'Institut d'Histoire de la Médecine et de la Santé de l'Université de Genève, 6th April 2011.
- Conference talk "Freud e la filosofia antica" within the SFI (Società Filosofica Italiana) course of lectures, at Francavilla al Mare, 28th April 2011.
- Conference talk "Nietzsche 'first psychologist' and the Genealogy of *Ressentiment*" within the international congress "On Resentment. An Interdisciplinary Workshop on the History of Emotions" held in Geneva from 26th to 28th October 2011.
- Conference talk "L'interpretazione dei sogni (1900) di Sigmund Freud" within the course of lectures "Canone. Libri da leggere (possibilmente)", held at the Museo Archeologico Oliveriano in Pesaro, 6th May 2012.

Researchers:

Supervisors:

Professor Michele Ciliberto
Professor Bernardino Fantini

Research fellowships:

Matteo Borri
Olivia Catanorchi
Francesca Dell'Omodarme
Natacha Fabbri
Marco Matteoli
Yamina Oudai Celso
Chiara Petrolini**Publications:**

- M. Borri, *Storia della Malattia di Alzheimer*, Il Mulino, Bologna, 2012.
- M. Borri, "Neuroetica: architetture del pensiero ed evoluzione", with F. Rufo, in F. Rufo (under the direction of), *Il laboratorio della bioetica: le scelte morali tra scienza e società*, Ediesse, Rome 2011.
- M. Borri, "Dal laboratorio al fronte: gli studi di Alois Alzheimer sui traumi della guerra", in *Florence Nightingale a cento anni dalla sua scomparsa (1910-2010) - Quaderni "Henry Dunant" n° 10*, Edizioni Tassinari, Florence, 2011, pp. 41-45.
- M. Borri, "Il giudizio morale da Piaget alla neuroetica: storia e evoluzione di un concetto", in M. Amann Gainotti, J.-J. Ducret (eds.), *Jean Piaget psicologo epistemologo svizzero all'avanguardia*, proceedings of a workshop, Istituto Svizzero di Roma, AEMME Publishing, Rome, 2011, pp. 141-150.
- Y. Oudai Celso, *Istinti, pulsioni e cariche affettive: l'approccio freudiano all'emotività* in "L'Arco di Giano. Rivista di Medical Humanities", Spring 2010/no. 63, pp. 83-101. [no. entitled "Le emozioni in medicina e la medicina delle emozioni"]
- Y. Oudai Celso, *Mantegazza versus Freud: affinità elettive e corrispondenze testuali per una psicofisiologia dell'eros* in "Medicina & Storia", X, 2010, 19-20, n.s., pp. 165-186.
- Y. Oudai Celso, "Nietzsche 'first psychologist' and genealogist of *Ressentiment*", contribution to the collection of essays *On Resentment*, edited by B. Fantini, D. M. Moruno, J. Moscoso, Cambridge Publishers [forthcoming].
- M. Matteoli, *Materia, minimo e misura: la genesi dell'atomismo 'geometrico' in Giordano Bruno*, "Rinascimento", Vol. L (2010), pp. 425-449;
- M. Matteoli, *Dal macro al microcosmo: materia, spazio ed atomi in Giordano Bruno*, Atti del Convegno "Il concetto di 'potenza' nella cultura moderna", Florence, 15th-17th December 2011 [forthcoming].

Dominique Schnapper

Director of Research at the École des Hautes Études en Sciences Sociales, Paris and Honorary Member of the French Conseil Constitutionnel

2002 Balzan Prize for Sociology

For her wide-ranging work analysing the different ways in which modern societies have developed, from the sociology of culture to the sociology of administration and in particular the problems of social integration and the relationship between citizens and the State.

Institution Administering Research Funds: Fondation Maison des Sciences de l'Homme

Advisers for the Balzan General Prize Committee: Walter Rüegg and Hélène Carrère d'Encausse

Social Integration in Modern Democratic Societies

Dominique Schnapper has used the second half of her 2002 Balzan Prize for Sociology for a research project on social integration of marginalized groups in modern society. To this end she has assembled a research group composed of colleagues and young researchers. The project was designed to allow members of the group to further develop work already initiated (but interrupted due to lack of funds), within a shared framework and aims: a major quantitative inquiry on the problems of citizenship in France.

1. *An Investigation on Jews in France*. An empirical inquiry study undertaken in Toulouse by Chantal Bordes-Benayoun (Université de Toulouse II - Le Mirail), in Strasbourg by Freddy Raphaël (Université Marc Bloch de Strasbourg), and in Paris by Dominique Schnapper (École des Hautes Études en Sciences Sociales - EHESS). Besides the results of the empirical inquiry, the interpretation of the Jewish predicament in France called for a wider historical and sociological reflection on the changing relationships between all ethnical identities and citizenship. The results were published in a volume, *La condition juive en France : La tentation de l'entre-soi*, Schnapper, Bordes-Benayoun, and Raphaël, Presses Universitaires de France, 2009; a translation