

Basarab NICOLESCU



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Born in 1942, in Romania. Lives in Paris from 1968.

Theoretical physicist at the Centre National de la Recherche Scientifique (CNRS), Laboratoire de Physique Nucléaire et de Hautes Énergies, Université Pierre et Marie Curie, Paris.

Professor at Babes-Bolyai University, Cluj-Napoca, Romania.

Docteur ès-Sciences Physiques (PhD), 1972, Université Pierre et Marie Curie, Paris.

President and founder of the International Center for Transdisciplinary Research and Studies (CIRET), a non-profit organization (160 members from 26 countries), which has a web site at:

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Co-founder, with René Berger of the Study Group on Transdisciplinarity at UNESCO (1992).

Founder and Director of the “Transdisciplinarity” Series, Rocher, Monaco, of the “Romanians in Paris” Series, Oxus, Paris and “Science and Religion” Series, Curtea Veche, Bucharest, Romania.

Director of the magazine “Transdisciplinarity in Science and Religion”, Curtea Veche, Bucharest, Romania.

Member of the “Science and Spiritual Quest” program SSQ2 (CTNS, Berkeley) and of the International Society for Science and Religion (ISSR).

A specialist in the theory of elementary particles, Basarab Nicolescu is the author of more than one hundred twenty articles in leading international scientific journals, has made numerous contributions to science anthologies and participated in several dozens French, Portuguese, Brazilian and Romanian radio, television and multimedia documentaries on science and culture.

Basarab Nicolescu is a major advocate of the transdisciplinary reconciliation between Science and the Humanities. He published many articles on the role of science in the contemporary culture in journals in France, in Romania, in Italy, in United Kingdom, in Brazil, in Argentina, in Portugal, in Mexico, in Syria, in Japan and in USA.

A BIOGRAPHICAL PROFILE OF BASARAB NICOLESCU IS INCLUDED IN:

- *Who's Who in the World*, Marquis Publishing Co., USA, 1992-2008
- *Who's Who in Science and Engineering*, Marquis Publishing Co., USA, 1996-2008

- *Romanians in Western Science and Culture*, American-Romanian Academy Publications, USA, 1992

AWARDS AND PRIZES:

- *Doctor Honoris Causa of the University "George Bacovia", Bacau, Romania, 2008*
- *Doctor Honoris Causa of the Technical University Cluj-Napoca, Romania, 2008*
- *"Inter-Balkan Cultural Association - Rigas' Charta" Award, Athens, Greece, 2007*
- *Member of the Romanian Academy, 2001*
- *Great Officer, Order "Faithful Service", Romania, 2000.*
- *Doctor Honoris Causa of the University "Alexandru Ioan Cuza", Iasi, Romania, 2000*
- *Prize of the Union of Writers of Romania, 1993*
- *Benjamin Franklin Award for Best History Book, USA, 1992, for the book "Science, Meaning and Evolution - The Cosmology of Jacob Boehme"*
- *Silver Medal of the French Academy, 1986, for the book "Nous, la particule et le monde".*
The same book has been selected by "Universalia 1986", Encyclopaedia Universalis Editions
- *Gold Medal at the First International Olympiad of Mathematics, Brasov, Romania, 1959*

BOOKS:

- *Le tiers secrètement inclus*, Babel Éditeur, Mazamet, France, 2003.
- *Nous, la particule et le monde*, Le Mail, Paris, 1985; 2nd edition: Le Rocher, Monaco, 2002 (translated in Romania and in Portugal)
- *Les racines de la liberté*, Accarias-L'Originel, Paris, 2001, in collaboration with Michel Camus (translated in Romania)
- *La transdisciplinarité*, manifeste, Le Rocher, Monaco, 1996 (translated in USA, in Brazil, in Portugal, in Syria, in Mexico and in Romania)

- *Théorèmes poétiques*, Le Rocher, Monaco, 1994, foreward by Michel Camus (translated in Romania)

- *L'homme et le sens de l'Univers - Essai sur Jacob Boehme*, Le Félin - Philippe Lebaud, Paris, 1988, 2nd edition in 1995 (translated in USA, Brazil and Romania)

- *Ion Barbu - Cosmologia "Jocului Secund"*, Editura pentru Literatura, Bucharest, Romania, 1968, in Romanian; 2nd edition: Universul Enciclopedic, Bucharest, Romania, 2004

English translations:

- *Manifesto of Transdisciplinarity*, State University of New York (SUNY) Press, New York, 2002, translated from the French by Karen-Claire Voss.

- *Science, Meaning and Evolution - The Cosmology of Jacob Boehme*, with selected texts by Jacob Boehme, translated from the French by Rob Baker, foreword by Joscelyn Godwin, afterword by Antoine Faivre, Parabola Books, New York, 1991.

EDITOR OF COLLECTIVE WORKS:

- *Transdisciplinarity - Theory and Practice*, Hampton Press, Cresskill, NJ, USA, 2008

- *Transdisciplinary Approaches of the Dialogue between Science, Art, and Religion in the Europe of Tomorrow*, Curtea Veche, Bucharest, 2008, in collaboration with Magda Stavinschi

- *Science and Orthodoxy, a necessary dialogue*, Curtea Veche, Bucharest, 2006, in collaboration with avec Magda Stavinschi

- *The Sacred Today (Le sacré aujourd'hui)*, Rocher, Monaco, 2003

- *Science and Religion: Antagonism or Complementarity*, XXI: Eonul Dogmatic, « New World Paradigm », Bucharest, 2003, in collaboration with Magdalena Stavinschi

- *L'homme, la science et la Nature - Regards transdisciplinaires*, Le Mail, Paris, 1994, in collaboration with Michel Cazenave

- *Le temps dans les sciences*, L'Harmattan, 1995, Paris, in collaboration with Norbert Dodille and Christian Duhamel

- *Stéphane Lupasco - L'homme et l'oeuvre*, en collaboration avec Horia Badescu, Rocher, Monaco, coll. "Transdisciplinarité", Paris, 1999 ; translated in Portuguese (Brazil)

ARTICLES, CONTRIBUTION TO COLLECTIVE BOOKS AND INTERVIEWS IN ENGLISH (a selection):

- *Transdisciplinarity as a Methodological Framework for Going beyond the Science-Religion Debate*, *Transdisciplinarity in Science and Religion*, n° 2, 2007, Curtea Veche Publ., Bucarest, p. 35-60.

- *Transdisciplinarity: Basarab Nicolescu Talks with Russ Volckmann*, *Integral Review*, Arina Publishing House, USA, Issue N° 4, 2007.

- *The Latest on the Sokal Affair: Beyond Three Extremisms - Comments on Alan's Sokal Book "Pseudosciences et postmodernisme : Adversaires ou compagnons de route ?"*, *Transdisciplinarity in Science and Religion*, n° 1, 2007, Curtea Veche Publ., Bucarest, p. 228-232.

- *Towards an Apophatic Methodology of the Dialogue between Science and Religion*, in *Science and Orthodoxy, a Necessary Dialogue*, Curtea Veche, Bucharest, 2006, edited by Basarab Nicolescu and Magda Stavinschi, p. 19-29.

- *The Transdisciplinary Model of University*, in *New Bearings in Higher Education*, Fatih University Press, Istanbul, Turkey, 2006, edited by Kevin J. McGinley, p. 261-265.

- *Transdisciplinarity – Past, Present and Future*, in *Moving Worldviews - Reshaping sciences, policies and practices for endogenous sustainable development*, COMPAS Editions, Holland, 2006, edited by Bertus Haverkort and Coen Reijntjes, p. 142-166.

- *Heisenberg and the Levels of Reality*, *European Journal of Science and Theology*, Academic Organisation for Environmental Engineering and Sustainable Development, Iasi, Romania, Vol. 2, n° 1, March 2006, p. 9-19, arXiv:physics/0601156.

- *Towards Transdisciplinary Education*, The Journal for Transdisciplinary Research in Southern Africa, North-West University, Wanderbijlpark, South Africa, Vol. 1, n° 1, December 2005, p. 5-15.

- *Toward a Methodological Foundation of the Dialogue between the Technoscientific and Spiritual Cultures*, in *Differentiation and Integration of Worldviews*, collection « International Readings on Theory, History and Philosophy of Culture » n° 18, Eidos, Saint Petersburg, 2004, edited by Liubava Moreva, p. 139-152.

- *A New Vision of the World - Transdisciplinarity*, in *The Design and Delivery of Inter- and Pluridisciplinary Research*, Proceedings of the Muscipoli Workshop Two, The Danish Institute for Studies in Research and Research Policy, Denmark, 2002, pp. 108-111.

- *In vitro and in vivo knowledge / Conoscenza "in vitro" ed "in vivo"*, in *Unità del sapere e del fare: una soluzione transdisciplinare?*, Istituto per Ricerche ed Attività Educative, Napoli, Italie, 2001, pp. 81-100, sous la direction de Ezio Mariani.

- *Transdisciplinarity and Complexity : Levels of Reality as Source of Indeterminacy*, in *Determinismo e Complessità*, Armando Editore, Roma, 2000, pp. 127-142, edited by F. Tito Arcchi.

- *Hylemorphism, Quantum Physics and Levels of Reality*, in *Aristotle and Contemporary Science*, Vol. I, Peter Lang, New York, 2000, pp. 173-184, edited by Demetra Sfondoni-Mentzou, introduction by Hilary Putnam.

- *Gödelian Aspects of Nature and Knowledge*, in *Systems - New Paradigms for the Human Sciences*, De Gruyter, Berlin, 1998, translation from French by Karen-Claire Voss, pp. 385-403, edited by Gabriel Altmann and Walter A. Koch.

- *Levels of Representation and Levels of Reality: Towards an Ontology of Science*, in *The Concept of Nature in Science and Theology (part II)*, in collaboration with Michel Camus, Thierry Magnin et Karen-Claire Voss, Éditions Labor et Fides, Genève, 1998, pp. 94-103, edited by Niels H. Gregersen, Michael W.S. Parsons and Christoph Wassermann.

- *Peter Brook and Traditional Thought*, in *Contemporary Theater Review*, Vol.7, Part 1, 1997, Harwood Academic Publishers, Amsterdam, translated from the French by David Williams (translated also in Japanese)

- *In the Valley of Astonishment*, an interview with Basarab Nicolescu by Jean Biès, in *Parabola*, Vol.XXII, No.4, Winter 1997, New York

- *Levels of Complexity and Levels of Reality*, in "The Emergence of Complexity in Mathematics, Physics, Chemistry, and Biology", Proceedings of the Plenary Session of the Pontifical Academy of Sciences, 27-31 October 1992, Casina Pio IV, Vatican, Pontificia Academia Scientiarum Editions, Vatican City, 1996 (distributed by Princeton University Press)

- *Science as Testimony*, in "Science and the Boundaries of Knowledge", Proceedings of the Venice Symposium, UNESCO Editions, Paris, 1986 (translated in Spanish and many other languages)