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**NICOLESCU Basarab**

**Middle Initial: E.**

**Current Position: Professor**

University name: Babeş-Bolyai University, Cluj-Napoca, Romania

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**Education**

Year Ph.D.: 1972 University Paris 6 „Pierre et Marie Curie”, Paris, France

Year M.S. : 1965 University of Bucharest, Faculty of Phyiscs, Bucharest, Romania

**Employment**

1965-1968 Assistant Professor, University of Bucharest, Faculty of Phyiscs, Bucharest, Romania

1968-1969 Grant of the French Government, University Paris 6

1969-1970 Grant "Joliot-Curie" of the Commissariat of Atomic Energy, University Paris 6

1970-2008 National Centre of Scientific Research - Centre National de la Recherche Scientifique (CNRS): Nuclear Physics Institute, Division Theoretical Physics, Orsay and, later, at Laboratory of Nuclear Physics and High Energies, University Paris VI

2008: Retired from CNRS

2006-till now: Associate Professor at Babeş-Bolyai University, Faculty of European Studies, Cluj-Napoca, Romania

**Areas of Research Interest**

* Topic 1: Quantum physics – Elementary Particle Physics
* Topic 2: Transdisciplinarity
* Topic 3: Philosophy

**Awards**

1959 Gold Medal at the International Mathematics Olympiad, Brasov, Romania

1986 Silver Medal of the French Academy

1987 Romanian-American Academy Award

1992 Benjamin Franklin Award for Best History Book, USA

2007 "Inter-Balkan Cultural Association - Rigas' Charta" Award, Athens, Greece

2014 International Society for Universal Dialogue (ISUD) Honorary Award

2014 The Academy of Transdisciplinary Learning and Advanced Studies (ATLAS) Gold Medal of Honor, Texas, USA

*Doctor Honoris Causa* of Veracruzana University (Mexico), „Al. I. Cuza” University (Iaşi, Romania), Technical University (Cluj-Napoca, Romania), University of Craiova (Romania), “Lucian Blaga” University (Sibiu, Romania), University "Vasile Goldis" (Arad, Romania), ”George Bacovia” University (Bacau, Romania) Petroleum-Gaz University (Ploiesti, Romania) and University of the West (Timisoara, Romania).

Member of the Romanian Academy.

**Administrative Roles**

1981-1994 Member of the Council of the Theoretical Physics Division of the Institute of Nuclear Physics, Orsay, France

1980-1988 Member of the Scientific Council of the Institute of Nuclear Physics, Orsay, France

1990 -1999 Member of the Scientific Council of UER 54 of the University Paris 6 and member of the Committee of Specialists of University Paris 6.

**Significant Publications (up to ten)**

*The Hidden Third,* Quantum Prose Publishing, New York, 2016

*From Modernity to Cosmodernity* - *Science, Culture and Spirituality*, State University of New York (SUNY) Press, New York, 2014

*Transdisciplinarity - Theory and Practice,* Hampton Press, Cresskill, New Jersey, 2008.

*Manifesto of Transdisciplinarity*, State University of New York (SUNY) Press, New York, 2002

*Science, Meaning and Evolution - The Cosmology of Jacob Boehme,* Parabola Books, New York, 1991

**Funded Research Projects**

* *Government Grants*

No one

* *Industry Grants*

No one

**Teaching**

**2006-2012** Course „Transdisciplinarity, University Babeş-Bolyai, Cluj-Napoca, Romania.

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| **1996-2002** | Course « Quantum Physics for Non-physicists", Center RANDA and University Raimond Llull, Barcelona, Spain. |
| **1984-1985** | Course « Fields and Particles », University Paris 6, France. |
| **1977-1978** | Course « Theoretical Physics », University Paris 11, France. |
| **1975-1976** | Course « Introduction to the Study of Elementary Particles », C4 Particles and Fields, University Paris 6, France. |
| **1973-1974** | Research Course "Hadron Interactions at High Energy", University of Strasbourg, France. |
| **1972-1973** | Research Course "Phenomenology of Strong Interactions", University of Strasbourg, France. |
| **1971-1972** | Course "Collision Theory", University Paris 6, France. |
| **1967-1968** | Research Course "Theory of Regge Poles", University of Bucharest, Romania. |
| **1965-1968** | Course "Classical Electrodynamics", University of Bucharest, Romania. |

**Student Supervision**

Doctoral Students – 15 PhD students, University Babeş-Bolyai, Cluj-Napoca, Romania. 14 students already passed their thesis.

**Examination Committees**

Many committees in physics and in transdisciplinarity

**Professional and Editorial Activities**

Director of the « Transdisciplinarity » series, Rocher Publishing House, Monaco,  “Romanians of Paris” series ("Les Roumains de Paris"), Oxus Publishing House, Paris,  "Science and Religion" and „Science, Spirituality, Society”series (Curtea Veche, Publishing House, Bucharest). Editor-in-Chief of "Transdisciplinary Journal of Engineering&Science", USA, *Transdisciplinarity in Science and Religion* and *Transdisciplinary Studies – Science, Spirituality, Society*, Curtea Veche Publishing House, Bucharest.

**Consulting**

Nothing

**Major Presentations (up to five)**

**1 .** ATLAS International Transdisciplinary - Transnational - Transcultural (T3) Conference "Education / Technological Singularity / Technological Innovation" , Xi'an Jiaotong - Liverpool University, Suzhou, China, 30 May 2016.   
- Technological Singularity – The Dark Side (key-note talk)

2. International Congress "Lights of the World", Palace of Parliament, Bucharest, Romania, 30 October 2015   
- Light in Science, Culture, Society, and Spirituality - The Transdisciplinary Unifier

3. Symposium on transdisciplinarity in postgraduate education "Rethinking postgraduate higher education from transdisciplinary perspectives", Middlesex University, London, UK, 22 July 2015   
- The need for transdisciplinarity in higher education

4. ISIS Summit Vienna "The Information Society at the Crossroads", Vienna University of Technology, Vienna, Austria, 5 June 2015   
- How Can We Enter in Dialog? Transdisciplinary Methodology of the Dialog Between People, Cultures, and Spirituality - Natural Information and Spiritual Information

5. Quinto congreso internacional de ciencias sociales, humanidades y salud - "Identidad, bienestar y sustentabilidad", Aula Magna, AUEM, University of Toluca, Mexico, 13 November 2014   
- La necesidad de la transdisciplinariedad para enfrentar los desafíos del siglo XXI​ ​(opening talk​)​