

# CURRICULUM VITAE

## Nicolae-Victor Zamfir

Date and Place of Birth: 24 March, 1952, Braşov

### **EDUCATION:**

1971-1976 - The Faculty of Physics of the University of Bucharest, Diploma of Merit  
1984 - PhD in Physics, Central Institute of Physics, Bucharest

### **POSITIONS:**

1978 - present: Physicist, Researcher (1986), Principal Researcher III (1989), Principal Researcher II (1993), Principal Researcher I (1996), National Institute of Physics and Nuclear Engineering (IFIN), Bucharest - Măgurele.  
1992 - 2004 leave of absence  
1990 - 1992: Visiting Scientist, Koln University, Germany  
1992 - 1997: Physicist, Brookhaven National Laboratory, Upton, New York  
1997 - 2004: Research Professor, Yale University, Wright Nuclear Structure Laboratory, New Haven, Connecticut, USA  
2004 - present Director General, “Horia Hulubei” National Institute of Physics and Nuclear Engineering (IFIN-HH)  
2012 - present ELI-NP Project Director

### **AWARDS AND DISTINCTIONS:**

1984: Hurmuzescu Award of the Romanian Academy  
2006: Corresponding Member of the Romanian Academy (2015: full member)  
2008: Knight of the Order of Faithful Service (2015: Officer)  
2012: Member of Academia Europaea  
2015: Fellow of the European Physical Society  
2015: Honorary Doctor of the Joint Institute for Nuclear Research in Dubna  
2016: Officer of the French Order of the Legion of Honour

### **RESPONSIBILITIES:**

2005 - Plenipotentiary Representative of the Romanian Government to the Joint Institute for Nuclear Research (JINR) in Dubna  
2005 - Chairman of the Collaboration Committee Romania - European Centre for Nuclear Research (CERN) in Geneva

2011 - Member of CERN Scientific Council  
 2005 - 2008 Member of the Nuclear Physics European Committee (NuPECC) of the European Science Foundation  
 2006 - Member of the National Council for Attestation of Academic Titles, Diplomas and Certificates (CNATDCU)  
 2007 - Member of the Advisory Board for Research and Development and Innovation of the National Authority for Scientific Research and Innovation  
 2006 - 2010 Member of the Scientific Research Coordination Council of the Romanian Academy  
 2007 - 2013 Member of the Nuclear Physics Board of the European Physical Society, 2012-2013 Chairman  
 2016 - Member of the Executive Committee of the European Physical Society  
 2009 - President of the Romanian Physical Society  
 2010 - Plenipotentiary Representative of Romania in the ELI Extreme Light Infrastructure Consortium  
 2011 - 2015 Member of FAIR Scientific Council (Vice-Chair)  
 2016 - Member of the Board of Directors of the Romanian-U.S. Fulbright Commission  
 2012 - President of the Physical Society Section of the Romanian Academy

- Member of the Editorial Colleges: Romanian Journal of Physics, Romanian Reports on Physics, Nuovo Cimento, Scientific Bulletin of University Politehnica of Bucharest, Newsletter of the Petroleum & Gas University of Ploiești.
- Member of the Romanian Physical Society, European Physical Society and American Physical Society.
- Referee for Physical Review Letters, Physics Letters, Physical Review, Nuclear Physics, Journal of Physics and International Journal of Modern Physics.
- Member of the 'Advisory Committee' for various international conferences. Co-organizer of more than 20 Conferences, Workshops or Summer Schools in Nuclear Physics.

**ACTIVITY:**

Starting with the preparation of the PhD thesis and up to the present the professional activity focused on the study of the atomic nucleus structure. The results of the professional activity are published in more than 500 papers among which over 300 papers published in specialized ISI-indexed journals (18 in Physical Review Letters, 22 in Physics Letters, 129 in Physical Review C, etc.) which were cited more than 5000 times (Hirsch 36 factor) (10 papers with over 100 citations each), more than 200 invited lessons and lectures at international events and co-editor of 8 Proceedings of International Conferences.

The topics covered by the papers refer mostly to experimental measurements of nuclear structure parameters, the comparison between the results and various calculations of theoretical models and the interpretation of results. Also, part of the papers refers to global phenomenologies of nuclear structure data and the study of their evolution.