

## CURRICULUM VITAE

(Prof. Dr Branko Dragovich )

### • PERSONAL DATA

Branko Dragovich was born March 11, 1945 in Sonković, Croatia (former Yugoslavia). Since 1964 he lives in Belgrade, Serbia (Yugoslavia). He has three children and four granddaughters.

### • EDUCATION

Graduated elementary school in Skradin (1959) and secondary school in Šibenik (1963). B.Sc. in physics (1967), M.Sc. in high energy physics (1973) and Ph.D. in quantum field theory (1977) at the Faculty of Mathematics and Natural Sciences, Belgrade University.

### • POSITIONS AND SOME ACTIVITIES

Tenured position in the Institute of Physics (P.O.Box 57, 11001 Belgrade) , 1970-2012. Director of the Center for Theoretical Physics of the Institute of Physics, 1978 - 1985. Scientific researcher, 1978 - 1994. Research professor, 1994 - present. Principal investigator on the project "Mathematical Methods of Elementary Particle Theory" sponsored by the Institute of Physics (Belgrade) and the Steklov Mathematical Institute (Moscow), 1981 - 1990. Leading scientific researcher position in the Steklov Mathematical Institute (Moscow), 2000-2002. Head of the project "Quantum Models on Noncommutative and Adelic Spaces", Ministry of Science, Serbia, 2002-2005. Deputy Editor-in-Chief of the international journal *p-Adic Numbers, Ultrametric Analysis and Applications*. Participated in organization of 46 scientific meetings (in 12 main organizer). Editor or Coeditor of 22 books. Referee in 30 international journals.

### • SUPERVISION

Supervisor of five Ph.D. theses (B. Sazdović, G. Djordjević, Lj. Nešić, J. Grujić, I. Dimitrijević), five M.Sc. theses (B. Sazdović, D. Mihajilović, G. Djordjević, Lj. Nešić, A. Zejak) and a number of Diploma works.

### • COURSES TAUGHT

Elementary Particle Physics, Classical Electrodynamics, Quantum Electrodynamics, Quantum Field Theory, Mathematical Physics, Astrophysics, Gravity and Cosmology at: the University of Belgrade, the University of Priština, the University of Niš and the University of Banja Luka.

He gave by invitation more than 6 special courses and 121 seminars.

- VISITS

More than 83 visits to foreign institutions in Physics and Mathematics. Spent about five years in the Steklov Mathematical Institute (Moscow) and Joint Institute for Nuclear Research (Dubna). Often visited the International Centre for Theoretical Physics (Trieste). Also: CERN (Theory Division); Landau Institute for Theoretical Physics (Moscow); Institut Henry Poincare (Paris); Ecole Normale Superieure (Laboratoire de Physique Theorique, Paris); Institute for Nuclear Research and Nuclear Energy (Sofia, Bulgaria); University of Adelaide (Department of Physics and Mathematical Physics, Australia); Australian National University (Department of Theoretical Physics, Canberra); University of North Carolina (Department of Physics and Astronomy, Chapel Hill, USA); Vaxjo University (Linnaeus University) (Department of Mathematics, Statistics and Computer Sciences, Sweden); Bonn University (Institute for Applied Mathematics); Laboratory of Theoretical Physics, Annecy, France; School of Mathematics, Shandong University, Jinan, China; Sogang University, Seoul, South Korea; Belarusian State University, Minsk, Belarus. Participated at 132 international scientific meetings, mainly by invited talks.

- AWARDS AND RECOGNITIONS

Twice awarded the Institute of Physics research prize: 1) for contribution to Finite Quantum Electrodynamics (1983) and 2) for results in adelic quantum models and  $p$ -adic series (1996). Awarded the special Charter of the Institute of Physics for contribution to its development (1981).

In occasion of 60th birthday, the Proceedings of 2nd International Conference on  $p$ -Adic Mathematical Physics, are dedicated for contributions to  $p$ -adic mathematical physics. The Proceedings are published by American Institute of Physics, AIP Conference Proceedings **826**, New York, 2006.

Member of the South-Slavic Academy of Nonlinear Sciences (Južnoslovenska akademija nelinearnih nauka), since 30 November 2011 (since June 2014 its president).

- RESEARCH INTERESTS AND PUBLICATIONS

Quantum field theory, String theory, Modern mathematical physics, Classical and Quantum Cosmology, Foundations of quantum mechanics, Feynman path integral,  $p$ -Adic numbers and adeles, Genetic code and Genomics. In particular: application of  $p$ -adic numbers and adeles in theoretical and mathematical physics. More than 150 papers published in international journals and refereed proceedings of conferences, which are cited more than 1300 times.

- USE OF FOREIGN LANGUAGES

Russian, English, French. Also Italian and German at an elementary level.

- MORE INFORMATION ON  
<http://www.ipb.ac.rs/~dragovich/>