

PAUL GARTNER

CURRICULUM VITAE

Name: Gartner Paul

Date and place of birth: 20th of March 1948, Bucharest

Affiliation:

Theoretical Physics Group of the National Institute of Material Physics (NIMP).

Phone number, e-mail address: +40751321954, gartner@infim.ro

Education and training:

1966-1971 Department of Physics, Bucharest University

1990 PhD in Theoretical Physics, Institute of Physics and Technology of Materials

Work experience:

1971-1980 Research assistant

1980-1990 Researcher

1990-1996 Senior researcher 3rd rank

1996-1998 Senior researcher 2nd rank

1998-2016 Senior researcher 1st rank

2016-present Independent senior researcher 1st rank

Research interests & expertise:

Transport in mesoscopic systems, Hopping transport

Electronic states and nonequilibrium phenomena in semiconductors, Quantum optics, Relaxation processes by electron-phonon and Coulomb interaction

Nonequilibrium Green's functions in quantum kinetics, Ultrafast optical processes

Quantum dots in resonant cavities, Quantum dot lasers

The laser transition, with rigorous aspects

Research stages abroad:

1983: 2 weeks at the International Center for Theoretical Physics, Trieste, Italy

1991: 2 weeks at the International Center for Theoretical Physics, Trieste, Italy

1994-1996: 3 working stages of 3 months each at the Forschungszentrum Juelich,

Institut fuer Schicht- und Ionentechnik, Juelich, Germany

1998-2001: researcher at the Institute for Theoretical Physics, University of Frankfurt, Germany

2001-20013: researcher at the Institute for Theoretical Physics, University of Bremen, Germany

Teaching experience:

Lectures in Quantum Optics and in Mathematical aspects of Quantum Mechanics at the Bremen University.

Publications: 94 ISI papers, 1 book chapter

Hirsch index: 22, according to Web of Knowledge, as of April 2021

Citations: 1166, without self-citations
according to Web of Knowledge, as of April 2021

Awards:

1981: The „Constantin Miculescu” prize of the Romanian Academy for „Theory of Transport Phenomena in Solids”.

Reviewer: Physical Review Letters, Physical Review B, Physical Review A, European Physical Journal