

Curriculum Vitae, Zdzislaw BURDA (as of Dec 2022)

I. Affiliation

Address : Faculty of Physics and Applied Computer Science
AGH University of Science and Technology
al. Mickiewicza 30, 30-059 Krakow, Poland
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II. University education and academic degrees

1988 MSc degree in Physics, Jagiellonian University
1992 PhD degree in Physics, Jagiellonian University
1999 Habilitation in Physics, Jagiellonian University
2006 Professor of Physics

III. Professional career

1992–06 Assistant; Research Associate; Associate Professor;
2006–14 Professor, Institute of Physics, Jagiellonian University

2014– Full Professor, Faculty of Physics and Applied Computer Science
AGH University of Science and Technology

1993–96 Bielefeld University (AvH, DFG)
1999 LPT Orsay, University Paris XI (CNRS)
2000–02 Bielefeld University (EU Marie-Curie Fellowship)

1992– numerous short-term visits: NBI Copenhagen, Leipzig University,
University Paris XI, Bielefeld University, CEA Saclay,
King's College London, University of Edinburgh, ICTP Trieste;

IV. Experience/teaching

statistical field theory, statistical mechanics;
classical mechanics, quantum mechanics;
electrodynamics, particle physics, general relativity;
algebra, mathematical analysis, graph theory;
econophysics, modelling of financial markets;

PhD supervision 4 completed

V. Research interests

quantum gravity, statistical physics,
random matrices, random graphs, random geometry,
complex systems, complex networks,
quantitative finance, risk management;

VI. Activities

2006–2014 Editor of Central European Journal of Physics;
2020– Editor of Entropy in Section Statistical Physics
2014–2016 Chairman of Krakow Branch of Polish Physical Society;
2012-2021 Secretary of Commission on Complex Systems
Polish Academy of Arts and Sciences;
2021– Deputy-Chair of Commission on Complex Systems
Polish Academy of Arts and Sciences;