



Curriculum Vitae: Horia Cornean

Personal information: Romanian and Danish citizen, born in 1971.

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Scientific career:

2013- : Professor, Department of Mathematical Sciences, Aalborg University.

2012: Doctor scientiarum (dr.scient./D.Sc.), Aalborg University, March 28.

2003-2011: Associate Professor, Aalborg University. During 2003 and 2004 I was a Scientific Member of MaPhySto, a network in mathematical physics and stochastic funded by Danmarks Grundforskningsfond.

2000-2002: Postdoc positions with CPT (Marseille), Institut Mittag Leffler (Stockholm), Aalborg University.

1995-1999: Junior researcher with the Institute of Mathematics of the Romanian Academy (Bucharest), while writing my Ph.D. thesis. I received my Ph.D. degree in 1999, December 17.

Scientific focus areas:

Mathematical analysis with applications to quantum mechanics, quantum statistical physics, and information & communication theory.

Management experience over the last 5 years: Head of Section of Mathematics, Aalborg University.

Grants over the last 5 years: Main applicant: one DFF1 grant in 2018 from the Independent Research Fund Denmark | Natural Sciences.

Refereeing and editorial services: Associate Editor at *Romanian Journal of Pure and Applied Mathematics* and Guest Editor at *Reviews in Mathematical Physics*. Reviewer of leading international journals in mathematical physics. Expert evaluator for research councils in Chile, Portugal and Romania.

Supervision/mentoring: 5 Ph.D.-students and 2 postdocs since 2010.