Curriculum Vitae
Anna Jenčová

Personal information

`http://www.mat.savba.sk/~jencova/`

Name: Anna Jenčová
Date of birth: June 7, 1971
Place of birth: Bratislava, Slovakia
Office address: Mathematical Institute, Slovak Academy of Sciences, Štefánikova 49, 814 73
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Education and degrees

1999: PhD in Probability and mathematical statistics,
　　　Mathematical Institute, Slovak Academy of Sciences
　　　supervisor: prof. Ľ. Kubáček
　　　thesis: *Regression models with a low nonlinearity*
1994: MSc in mathematics, Commenius University, Bratislava, Slovakia

Employment

2019 -　Mathematical Institute, Slovak Academy of Sciences, senior researcher
1999 - 2019: Mathematical Institute, Slovak Academy of Sciences, researcher

Research interests

Quantum information theory, relative entropies and quasi-entropies, quantum channels
Quantum foundations, General Probabilistic Theories
Quantum statistics, quantum information geometry

Publications

`http://www.mat.savba.sk/~jencova/publ.html`

Teaching experience

2016: PhD. course in quantum information theory, Mathematical Institute of SAS
2012: 3-lectures minicourse: Structures of information geometry, Noncommutative workshop,
　　　　　　　Imperial College, London
2002: Exercise classes in linear algebra, Slovak Technical University
1994: Exercise classes in mathematics, Slovak Technical University

PhD students

Martin Plávala: 2015 - 2019
　　　thesis title: *Non-classical effects on generalized quantum channels*

Invited research visits

2016: Perimeter Institute, Waterloo, Canada, 2 weeks

2005: Tufts University, Boston, 2 weeks
2004: Budapest, participant in EU Research Training Network QP Applications, 3 months
2004: RIKEN Brain Science Institute, Tokyo, 2 weeks
Shorter (1 week) visits:
> 2019 Bilkent University, Turkey; 2018 University of Pavia; 2015 Imperial College, London; 2013 Gdansk University, Gdansk; 2012 and 2013 Max Planck Institute, Leipzig; 2008 BUTE Budapest; 2007 Tufts University, Boston;

Invited conference talks

2019: BIRS Workshop: Algebraic and Statistical ways into Quantum Resource Theories, Banff, Canada
2019: GPT&QIT: Generalized Probabilistic Theories and Quantum Information, Lyon
2018: Beyond I.I.D. in Information Theory, Cambridge
2018: Three Days in Quantum Mechanics, Genoa
2017: Quantum Information Theory and Mathematical Physics, Budapest
2016: Quantum Information Theory and Mathematical Physics, Budapest
2015: Beyond I.I.D. in Information Theory, Banff, Canada
2014: New Horizons in Statistical Decision Theory, Oberwolfach, Germany
2013: Noncommutative Workshop, Krakow, Poland
2013: Symposium KCIK, Sopot, Poland
2012: BIRS Workshop: Operator Structures in Quantum Information Theory, Banff, Canada
2012: Noncommutative Workshop, Imperial College, London
2008: Mathematical Explorations in Contemporary Statistics, Sestri Levante, Italy
2007: 28-th Conference on Quantum Probability and Related Topics, Guanajuato, Mexico
2007: BIRS Workshop: Operator Structures in Quantum Information Theory, Banff
2006: Workshop on Quantum Statistics, Erwin Schrodinger Institute, Vienna
2006: Quantum Probability,Information and Control Symposium, University of Nottingham
2004: Workshop on Quantum Information Geometry and Quantum Computing, The Fields Institute, Toronto
2002: Information Geometry and its Applications, Pescara, Italy

Awards

2014: Birkhoff - von Neumann prize awarded by the association IQSA for excellent scientific results in the field of quantum structures
2003: Best scientific paper competition of young researchers of Slovak Academy of Sciences, 2. prize

Grants awarded

Algebraic, probabilistic and categorial aspects of modelling of quantum events and uncertainty
> VEGA 2/0069/16, 2016–2019, principal investigator

Referee work

Journals: Communications in Mathematical Physics, Reviews in Mathematical Physics, Letters in Mathematical Physics, Journal of Physics A, Journal of Mathematical Physics, Annals of Statistics, International Journal of Quantum Information, IEEE Transactions on Information Theory, Physical Reviews A, Physics Letters A, Proceedings of the London Mathematical Society, Open Systems and Information Dynamics, etc.