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Curriculum Vitae : Peter Staňo

Position

research fellow (senior since)	2007 - present	Academy of Sciences, Slovakia
post-doc	2009 - 2011	Institute of Physics University of Arizona, Tucson, USA
PhD	2005 - 2007	Department of Physics University of Regensburg, Germany
PhD	2003 - 2005	Physics Faculty, Institute I (Theoretical Physics) Karl Franc University Graz, Austria
exchange student	autumn 2002	Institute of Physics University of Helsinki, Finland Department of Physical Sciences

Education

PhD	2007	University of Regensburg, Germany
Master	2003	Comenius University, Bratislava, Slovakia Diploma in Mathematical Physics
Master	1999	University of Economics, Bratislava, Slovakia Diploma in Corporation Management
high school	1990 - 1994	Gymnasium, Partizánske, Slovakia Matura

Teaching (recitation classes)

2008	Spin qubits in quantum dots (lecture series, autumn school in Budmerice)
2008	Mesoscopic transport (RCQI Bratislava)
2007	Electrodynamics (University of Regensburg)
2006	Mesoscopic physics (University of Regensburg)
2006	Monte Carlo methods in physics (University of Regensburg)

Students instructing

PhD student	2007 - 2010	Fabio Baruffa, University of Regensburg theses defended in summer 2010
bachelor student	2008 - 2009	Jorge L. C. Diaz, Komenius University Bratislava bachelors work defended

Research Interests / Experience

Spintronics	Spin qubits in quantum dots - numerical modeling Relaxation, dephasing, decoherence
Transport in nanostructures	Noninteracting particles - Landauer-Buttiker formalism Effects of interactions in few particle systems
Quantum information theory	Mathematical description of the measurement process Coexistence of effects, observables, instruments

Publications summary: 15 publications, 245 citations

3 x	Physical Review Letters
6 x	Physical Review B
6 x	other

External funding experience

reporting	European Commission Sixth Framework Intergrated project Quantum Applications (QAP) - 34 Institutional Members
coordinator (proposal)	European Commission Seventh Framework Specific Targeted Research Projects (STREP) - 4 Institutional Members

Awards/stipends

2009	DAAD (German Ministry of Education) research visit stipend
2008	1.-2. place in Scientific works of young physicists awarded by Slovak Physical Society
2007	four year Schwarz stipend for a starting postdoc awarded by Slovak Academy of Sciences

Letters of recommendation

Please contact the following persons

- ★ Prof. Philippe Jacquod, University of Arizona, Tucson, USA
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