

Brief Curriculum Vitae of Oleksandr Tsyplyatyev

Personal Data: Born 15/02/1980 in Kharkov, Ukraine. Citizen of Ukraine. Russian (native), English (fluent), German (intermediate). Married.

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Employment

2018 – present	Privatdozent (Lecturer), Frankfurt University, Germany
2015 – 2018	Postdoctoral Researcher, Frankfurt University, Germany
2013 – 2014	Research Fellow, Birmingham University, UK
2010 – 2012	Research Associate, Sheffield University, UK
2007 – 2010	Research Associate, Basel University, Switzerland
2005 – 2007	Research Associate, Lancaster University, UK

Academic degrees

2018	Habilitation in Theoretical Physics, Frankfurt University, Germany
2005	PhD in Physics, Lancaster University, UK
2002	Masters Degree in Theoretical Physics, Kharkov University, Ukraine

Honors

2017 – present	Honorary Research Fellow, Birmingham University, UK
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Scientific Interests: Theoretical condensed matter physics: quantum transport in metallic and semiconductor nanostructures: thermal phenomena in spintronics, applicability of the ergodicity hypothesis to universal conductance fluctuations; Quantum technology: anisotropy of spin splitting and spin relaxation in lateral quantum dots, decoherence of the electron spin due to the hyperfine interaction with the nuclear spins; Theory of strongly correlated systems: dynamics and finite temperature effects in the non-stationary BCS theory, quantum evolution of many-body light-matter systems with inhomogeneity, electron-electron interactions in one dimension beyond low energy.

Publications: 32 refereed research articles, including 2 in Nature Communications and 6 in Physical Review Letters; 30 invited talks at international conferences and seminars in Europe and US.

Teaching: 1 undergraduate level lecture course and 3 graduate level lecture courses at Goethe-University of Frankfurt.