

Jan Suffczyński - Curriculum Vitae

BORN: 7th November 1978 in Warsaw, Poland

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EDUCATION AND PROFESSIONAL EXPERIENCE:

2009 - till now: Assistant Professor at University of Warsaw

2007 - 2009: Post-doc at Laboratoire de Photonique et de Nanostructures - CNRS in Marcoussis (France)

2007: PhD at University of Warsaw (with honors). PhD thesis: *Correlation of photons emitted from individual CdTe/ZnTe quantum dots*. Advisor: prof. M. Nawrocki.

2003: 3 month training at University of J. Fourier in Grenoble under supervision of prof. J.-P. Poizat.

2002: M. Sc. at University of Warsaw (with honors). M. Sc. thesis: *Investigation of exciton polarization in double quantum wells structure coupled with semimagnetic barrier*. Advisor: prof. M. Nawrocki.

RESEARCH EXPERTISE:

- Magnetospectroscopy of semiconductor (semimagnetic and nonmagnetic) quantum wells and quantum dots
- Spectroscopy of coupled quantum dot-micropillar microcavity systems
- Experimental cw methods: Photoluminescence and micro-Photoluminescence, Photoluminescence Excitation, Reflectivity, Transmission
- Experimental time-resolved methods: Polarization Resolved Correlations of Single Photons, Photoluminescence Decay, Double Pulse Excited Photoluminescence, Streak Camera Measurements
- Microscopy, cryogenics, pulsed and cw lasers ($\text{Al}_2\text{O}_3:\text{Ti}$, Argon-ion, He-Ne, He-Cd)

OTHER SKILLS:

- Use of clean room facilities: dry and wet etching of semiconductor microstructures, Scanning Electron Microscope
- Languages: English - fluent, French - intermediate, Russian - basics
- Data analysis and programming: Origin, Mathematica, basics of C++

TEACHING EXPERIENCE:

- Classes to the lecture *Introduction to Physics of an Atom, Molecule and a Solid State*, Laboratory of Didactics of Physics, Laboratory of Physics I, Classes to the lecture *Physics of waves*, Assistant of the lecturer of *Physics of electricity and magnetism*

AWARDS:

- **2007:** Scholarship for the outstanding PhD student at University of Warsaw in 2006 year
- **2006:** Award for the outstanding PhD student in the Institute of Experimental Physics in 2005 year
- **2002:** Bardadin-Otwinowska Award for the original M. Sc. thesis prepared at the Faculty of Physics
- Student scientific scholarship in years **1999/2000** and **2000/2001**

Co-author of 28 publications in international scientific journals (including two **Physical Review Letters** and six **Physical Review B**) and of more than twenty oral presentations on conferences or seminars in Poland and abroad. Investigator in five polish or foreign research projects.