

Jan Suffczyński - Curriculum Vitae

BORN: 7th November 1978 in Warsaw, Poland
ADDRESS: Faculty of Physics, University of Warsaw,
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MARITAL STATUS: married, two children

EDUCATION AND PROFESSIONAL EXPERIENCE:

2009 - till now: Assistant Professor at University of Warsaw

2017: Habilitation at University of Warsaw. Title: *Influence of interference and cavity effects on optical properties semiconductor structures.*

2007 - 2009: Post-doc at Laboratoire de Photonique et de Nanostructures - CNRS in Marcoussis (France). Supervisor: prof. P. Senellart.

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 (France). Supervisor: prof. J.-P. Poizat.

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

RESEARCH EXPERTISE:

- Magnetospectroscopy of semiconductors
- Diluted magnetic semiconductors
- Photonics and the light-matter coupling
- Non-classical properties of Quantum Dots emission
- Plasmonic effects in hybrid semiconductor-metal structures

LANGUAGES

English - fluent, French - intermediate, Russian - basics

AWARDS:

- **2012:** Three-year scholarship of Ministry of Science and Higher Education for an outstanding young scientist

- **2010:** Scholarship for an outstanding young PhD at University of Warsaw
- **2002:** Bardadin-Otwinowska award for the original M. Sc. thesis prepared at the Faculty of Physics
- **1999/2000 and 2000/2001:** Student scholarship

PUBLICATIONS

- **Co-author** of over 60 publications in international scientific journals (including **Nature**, **Nature Communications**, **Nano Letters**, **Physical Review Letters**, **Physical Review B** or **Applied Physics Letters**) and of more than twenty oral presentations on conferences or seminars in Poland and abroad.
- **Citations: 1238 (1155 without self-citations). Hirsch index: 17.**
- **Reviewer:** In total over **50** reviews for international scientific journals including Physical Review Letters (7), Physical Review B (10), Plasmonics (6), Journal of Luminescence (5), Solid State Communications (4) and others

PATENTS:

- A. Bonanni, T. Devillers, T. Dietl, A. Grois, J. Suffczyński, 2013, *Diode laser* (patent no AT512938-B1, AT512938-A4), Austrian Patent Office, Austria

RESEARCH PROJECTS:

Principal Investigator:

- **2010-2013:** LIDER, *Wide band-gap semiconductors with metallic nanoclusters for optoelectronics*, financed by Polish National Centre for Research and Development, 985 000 PLN (235 000 Euro)
- **2010-2011:** Juventus Plus, *Nitrides and selenides based quantum wells doped with magnetic ions for spin electronics*, financed by Polish Ministry of Science and Higher Education, 200 000 PLN (48 000 Euro)
- **2014-2019:** SONATA BIS, *Light-matter coupling in a system of two coupled optical microcavities based on II-VI semiconductors*, financed by Polish National Research Centre, 1 500 000 PLN (355 000 Euro)

Investigator in several research projects, including Advanced ERC Grant *Functionalization of Diluted Magnetic Semiconductors*

Reviewer: 2 reviews of projects submitted to Polish National Research Centre and 1 for Polish National Agency for Academic Exchange

MENTORING AND TEACHING (2009- till now:)

- Supervisor for 2 PhD, 6 bachelor and 4 master (former and present) students
- Lecturer at the Faculty of Physics