

Tomáš Jungwirth

Born: October 23, 1967, Praha, Czech Republic
Home page: <http://www.fzu.cz/jungw>



Education and professional career:

2007-present Head of Dept. of Spintronics and Nanoelectronics, Institute of Physics ASCR
2004-present Professor, University of Nottingham
2001-present Senior Research Scientist, Institute of Physics ASCR Praha
2002-2005 Adjunct Professor, University of Texas
2000-2002 Research Fellow, University of Texas
1997-1999 Postdoctoral Fellow, Indiana University
1997 PhD. degree in theoretical condensed matter physics, Charles University Praha
1991 M.S. degree in theoretical physics, Charles University Praha

Professional experience:

Field: theoretical condensed matter and many-body physics

Topics: electronic properties of semiconductor heterostructures and nanostructures, metal and semiconductor spintronics, carrier-induced ferromagnetism in diluted magnetic semiconductors, quantum, anomalous, and spin Hall effect

Accomplishments, awards, and international recognition:

- 120 publications in international peer-reviewed journals (including 22 Physical Review Letters, Nature and Nature Materials articles, and a Reviews of Modern Physics article); 3700 citations in the scientific literature.
- Praemium Academiae, 2008
- Marquis Who's Who in America, 2007 Edition
- Thomson Scientific: In Cites - The Top 3 Hot Papers in Physics: January 2007, March 2007, May 2007; Sci Bytes - Hot Paper in Physics 2006; Essential Science Indicators - 5th most cited author in "The Hall Effect" Special Topic in 1995-2005, Special Topics Interview 2006; ScienceWatch The Hottest Research of 2004-2005 (37th most cited article in all sciences), What's hot in Physics: March/April 2006 (9th most cited in physics), May/June 2006 (9th), July/August 2006 (6th), September/October 2006 (2nd a 8th), January/February 2007 (10th)
- Academy of Sciences of the Czech Republic Prize, 2005
- Otto Wichterle Prize of the Academy of Sciences of the Czech Republic, 2002
- NATO-NSF Advanced Fellowship, 1999
- Bolzano Foundation Prize of the European Physical Society, 1996
- Josef Hlávka Prize, 1996
- Milan Odehnal Prize of the Union of Czech Mathematicians and Physicists, 1996