

Jakub Dostálek, PhD.

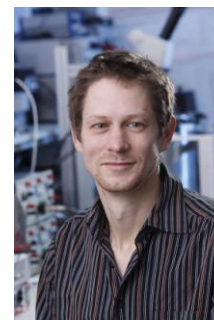
Address: Austrian Institute of Technology GmbH – AIT
Research Unit BioSensor Technologies
Muthgasse 11, 1190 Wien
Austria

Phone: +43(0)505504399

Fax: +43(0)6642351773

Email: jakub.dostalek@ait.ac.at

Web: www.ait.ac.at; www.jakubdostalek.cz



Education:

November 2006 – November 2007, Postdoctoral training (Max Planck Institute for Polymer Research, Mainz, Germany).

Topic: Long range surface plasmon-enhanced fluorescence with hydrogel-based biointerfaces for biosensor applications.

Supervisor: Prof. Wolfgang Knoll

2006, PhD (Charles University, Prague, Czech Republic) study program “Quantum Optics and Optoelectronics”

Thesis: High information capacity optical sensors with surface plasmons.

Supervisor: Prof. Jiří Homola

2000, MSc (Charles University, Prague, Czech Republic) study program “Optics and Optoelectronics”

Thesis: Analysis and characterization of an optical system of a dual channel sensor based on resonant excitation of surface plasmons.

Supervisor: Prof. Jiří Homola

Professional Experience:

January 2009 – now, Project leader at AIT - Austrian Institute of Technology GmbH, Vienna, Austria.

November 2007 – December 2008, Project leader at Max Planck Institute for Polymer Research, Mainz, Germany

2000 – 2001, Visiting Scientist at Electrical Engineering Department, University of Washington, Seattle, USA

1998 – 2006, Research Assistant at Institute of Radio Engineering and Electronics, Prague, Czech Republic

Publication activities:

Jakub Dostalek authored 6 book chapters and more than 40 papers in peer-reviewed scientific journals that attracted over 1000 citations according to Web of Science.