

doc. RNDr. Jan Voves, CSc

Born in Praha (Prague) in 1960, married, 3 children

EDUCATION

1996 Docent degree, habilitation thesis "Simulation of Transport Effects in Modern Semiconductor Devices"

1992 CSc. degree (equivalent to Ph.D.) Thesis dealing with the simulation of electronic devices.

1984 RNDr. degree in electronics and optics received from the Charles University, Prague, Faculty Mathematics and Physics

1979-84 Study at the Charles University, Prague, Faculty Mathematics and Physics

Languages: Czech, English, passively: Slovak, German, Russian

PROFESSIONAL EXPERIENCE

1996-now Associate Professor at the Department of Microelectronics of FEE,CTU in Prague

1996 (1 month) visiting researcher at the Leeds Metropolitan University, GB

1993 (3 months) visiting researcher at the University of Hull, GB

1990/91 (5 months) visiting researcher at the KIHVV Oostende, Belgium

1987-96 Assistant Professor at the Department of Microelectronics of FEE,CTU in Prague

1984-87 Junior Researcher at the Department of Microelectronics of FEE,CTU in Prague

PROJECTS

2019-2023 Coordinator of the new technological laboratory Nanolab construction at the Department of Microelectronics of FEE,CTU in Prague supported by the EU projects.

2011-2014 Responsible of GACR project „Growth and processing of graphene layers on silicon carbide“

2012 Responsible of University Development project „Innovation of nanoelectronics a nanolithography laboratory“

2006-2010 Responsible for Grant Agency of the Czech Academy of Sciences project „Structures for spintronics and quantum effects in nanoelectronics prepared by electron lithography“

2006-2008 Responsible for GACR project „Spintronic applications of ferromagnetic nanostructures „

INDUSTRIAL COOPERATION

Development of new power semiconductor technologies - ABB CR, ON Semiconductor, Toyota

PROFESSIONAL ACTIVITIES

Member of the Scientific Council of the IPE AS CR (2003-2007)

Member of the Branche council of doctoral programme Physics, Charles University, FMP (2005-2019).

Member of the Branche council of doctoral programme Electronics, FEE,CTU in Prague (2002-now)

Member of the Branche council of doctoral programme Computational Physics, PřF UJEP Usti n.L., (2017-2020).

Member of IEEE, Chairman of MTT/EDS/AP/EMC Chapter cs. section of IEEE (2014-16)

Member of Physical Research Section of The Union of Czech Mathematicians and Physicists

CURRENT RESEARCH INTERESTS:

- semiconductor materials characterisation, thin layers deposition and characterisation

- semiconductor devices simulation

PUBLICATIONS

author of 1 books (+3 Czech textbooks)

and more than 125 published scientific and technical papers: 60 of them in WOS.

More than 200 SCI heterocitations,

H-index: WOS: 9

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