

Curriculum Vitae

Juraj Jašík

1. Personal Data:

Date of Birth: 26 January 1978

Born: Partizanske, Slovakia

Marital Status: married

Nationality: Slovak

Language Skills: English - advanced, German - beginner

2. University Studies and Diplomas Obtained

Mgr. Degree (M.Sc. equiv.): 1996 - 2001

PhD.: 2001 - 2008

3. Dissertations, Theses

Mgr. Degree (M.Sc. equiv.): 1996 - 2001,

Institution: Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava

Specialization: Physics of Plasma

M.Sc. Thesis: "A source of O atoms based on pulse-modulated RF 27 MHz discharge in oxygen"

Supervisor: Prof. Pavel Veis

Ph.D.: 2001 - 2008,

Institution: Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava

Specialization: Physics of Plasma

M.Sc. Thesis: "Diagnostics of kinetics of nitrogen plasma using vacuum-UV and UV-VIS spectroscopy"

Supervisor: Prof. Pavel Veis

4. Professional / Research Experience

2001 - 2008: PhD. study at the Comenius University in Bratislava

2002 - 2003: Postgraduate stay at the Academy of Sciences of the Czech Republic

2008: Postdoc stay at the Johannes Kepler University in Linz, Austria

5. Relevant Scientific Techniques and Skills Acquired

Scientific Techniques and Methodical Skills:

plasma and electric discharges, lasers, optical spectroscopy, processing of low-level signal, principles of vacuum techniques, designs and realizations of electronic systems

Fields of Scientific Interests:

kinetics of oxygen and nitrogen discharges, vacuum-UV and UV-VIS spectroscopy, molecular optical spectroscopy, laser-induced breakdown spectroscopy, dynamics of chemical and charge transfer reactions of molecular dications, ion-surface collisions