


PERSONAL INFORMATION

Andrejs Česnokovs

 Birzes 46-60, Rīga, LV-LV-1016 (Latvia)

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WORK EXPERIENCE

01/04/2014–Present

Engineer

Institute of solid state physics, University of Latvia, Rīga (Latvia)

Work in the department of theoretical physics and computer modeling

Computational investigation of the electronic structure of titanium dioxide nanotubes

01/10/2013–Present

Teaching assistant

Apdāvināto bērnu fakultatīvā skola (ABFS), Rīga (Latvia)

Teaching assistant in extra-curricular school for gifted students. I help teaching science in historical context to grade 7 pupils.

02/05/2011–02/01/2014

Lab assistant

Latvian Institute of organic synthesis, Rīga (Latvia)

Work in the laboratory of physical organic chemistry

- Routine acquisition of NMR spectra
- maintenance works on NMR equipment
- Molecular modeling

01/09/2012–01/08/2013

Teacher

Rīga Secondary School No. 40, Rīga, (Latvia)

Teacher of applied informatics and computer literacy in grades 7-8

EDUCATION AND TRAINING

30/08/2013–Present

MSc in Chemistry

EQF level 7

Latvijas Universitāte, Rīga (Latvia)

30/08/2010–01/07/2013

BSc in Chemistry

EQF level 6

Latvijas Universitāte, Rīga (Latvia)

PERSONAL SKILLS

Mother tongue(s)

Russian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Latvian	C2	C2	C2	C2	C2

English	C2	C2	C2	C2	C2
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Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills Python programming skills (inc. NumPy, ScyPy);
Experience with molecular modeling tools (Gaussian, Schrodinger suite)

ADDITIONAL INFORMATION

Publications M. Petrova, R. Muhamadejev, A. Chesnokov, B. Vigante, B. Cekavicus, A. Plotniece, G. Duburs, E. Liepinsh. Spectral and Quantum-Chemical Study of Nonequivalence of Methylene Protons in 1,4-Dihydropyridine Derivatives. *Chem. Heterocycl. Compd.* **2014**, vol.49, 11, p. 1631-1639

Honours and awards 2010 — Stockholm Junior Water Prize finalist
2013-2014 — Latvian champion in intellectual games (What? Where? When?)