

CV

Name Jānis Erdmanis

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Education:

- 2015 January-June Exchange studies at Umeå University
- 2014 - ... Physics masters at University of Latvia
- 2011 - 2014 Physics bachelor at the University of Latvia
- 2008 - 2011 Valmiera State Gymnasium with emphasis on natural sciences

Research and work experience

- 2014 Wigner function application for electron emission process with tunable barriers (supervisor Vyacheslavs Kashcheyevs)
- 2015 - ... Magnetic fluid drop equilibrium shapes in rotatory magnetic field (supervisor Andrejs Cebers)
- 2013 - ... Creating exercises for National Physics Olympiad

Awards:

- 2011-2014 Study scholarship “Jura Melbārža piemiņas stipendija” from “Vitolu fonds”
- 2009 Acknowledgment in National Physics Olympiad

Languages:

- Latvian – native
- English - great (around B2)
- French - curious (around A1)

Computer abilities:

- Programming - Julia, Mathematica, Python, C, C++
- Administration of Linux workstations and servers, ssh, rsync
- Emacs
- LaTeX typesetting language

Hobbies and interests:

- Long-distance running, skiing, swimming, road cycling
- Guitar, design technology
- Open source software, Ubuntu, raspberry pi, maintainability
- Provocating common sense with scientific thinking
- Thinking of and implementing a good workflow

References:

- Vyacheslavs Kashcheyevs, Associate professor in Theoretical physics, University of Latvia
e-mail: slava@latnet.lv
- Andrejs Cebers, Professor in Theoretical physics, University of Latvia e-mail: andrejs.cebers@lu.lv