

PERSONAL INFORMATION

Robert Stepić



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Sex Male | Date of birth 21/06/1990 | Nationality Croatian

WORK EXPERIENCE

10/2014-present

Research assistant

FAU Erlangen, Institute for theoretical physics, PULS group

- Scientific research
- Teaching duties
- Maintenance of computers
- Maintenance of group webpage

Business or sector Academia

EDUCATION AND TRAINING

10/2014-present

PhD in Chemistry

FAU, Institute for Theoretical Physics and EAM, Erlangen

- Specialization: Computational Chemistry
- Topic: Inorganic/organic interfaces and ionic liquid supported catalysis

09/2012-07/2014

Master of Science in Chemistry

University of Zagreb, Faculty of Science, Chemistry Department, Zagreb

- Specialization: Physical Chemistry and Biochemistry
- Master topic: Non-radiative relaxation of N-acetylphenylalanilamide monohydrate

07/2009-09/2012

Bachelor of Chemistry

University of Zagreb, Faculty of Science, Chemistry department, Zagreb

- Chemistry program: Mathematics, General Physics, Physical Chemistry, Anorganic Chemistry, Organic Chemistry, Biochemistry, Analytical Chemistry
- Physics program: Linear Algebra, Statistical Physics
- Final exam topic: Symmetry in quantum chemistry and spectroscopy

07/2005-05/2009

Gymnasium Bjelovar, Bjelovar

- Mathematical-scientific gymnasium

PERSONAL SKILLS

Mother tongue(s)

Croatian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
German	B1	B1	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills

Able to work in team oriented environment

- Summer School of Science in Visnjan in 2009, successfully finished a computational chemistry project on potential materials for hydrogen storage

Demonstrator in university Quantum Chemistry course (2013/2014)

Completed a workshop on Modeling Materials in Erlangen (August 2015)

Presented my research at 9 different conferences (2014-2016)

Organisational / managerial skills

Leadership

- Lead several student seminars in computational soft matter topics (2015)

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient	Proficient	Proficient	Proficient	Proficient

Levels: Basic user - Independent user - Proficient user

- good command of MS office suite
- basic knowledge of Adobe Photoshop and Illustrator
- comfortable with variety of GNU/Linux OS distributions
- working knowledge of Mathematica and variety of computational chemistry programs (Turbomole, Gaussian, Gromacs, etc)
- experience with programming in Fortran and Python
- experience with bash scripting, HTML/CSS and PHP
- basic knowledge of C++

Other skills/interests

- olympic weightlifting
- electric guitar
- painting and drawing
- cooking
- swimming

Driving licence B

ADDITIONAL INFORMATION

Presentations

Poster presentations

- Symposium Physics and Medicine in Erlangen (February 2015)
- Particle simulations conference in Erlangen (September 2015)
- 7th EAM symposium in Kloster Banz (November 2015)
- RSC Theoretical Chemistry Group Conference in Nottingham (June 2016)
- 8th EAM symposium in Kloster Banz (November 2016)

Talk presentations

- DPG spring meeting in Berlin (March 2015)
- DPG spring meeting in Regensburg (March 2016)
- Molecular modelling workshop in Erlangen (April 2016)
- Theoretical Chemistry Group in Oxford visit (June 2016)
- MIPOMAT conference in Primošten (August 2016)

Honours and awards

Participated in national competitions in chemistry:

- 2006 – 13th place
- 2007 – 6th place
- 2008 – 6th place
- 2009 – 4th place

Participated in qualifications for International Chemistry Olympiad in 2008

Participated in competitions in physics on a regional level with some success

Awarded a medal by the Faculty of Science Department of Chemistry (Zagreb) in recognition of excellence in study of chemistry (2014)

Memberships

Deutsche Physikalische Gesellschaft (DPG, since 2014)

Cluster of Excellence Engineering of Advanced Materials Graduate School (since 2015)