

Jiří Klimeš

- BORN** 21. 3. 1983 in Broumov, Czech Republic
- CONTACT INFORMATION** *Address:* Faculty of Mathematics and Physics,
Charles University in Prague,
Ke Karlovu 3, 121 16 Prague, Czech Republic
E-mail: klimes@karlov.mff.cuni.cz
WWW: quantum.karlov.mff.cuni.cz/~jklimes/
Phone: +420 22191 1244
- PROFESSIONAL EXPERIENCE** January 2015–
Charles University, Faculty of Mathematics and Physics, Prague, CZ
Researcher (part-time during the work on the MSC grant)
- April 2015–March 2017
J. Heyrovský Institute of Physical Chemistry, Prague, CZ
Marie Skłodowska Curie Fellow
- June 2014–December 2014
J. Heyrovský Institute of Physical Chemistry, Prague, CZ
Visiting Researcher, continuing collaboration with Georg Kresse
Partly parental leave
- January 2012–May 2014
University of Vienna, Faculty of Physics, Vienna, Austria
Postdoctoral Researcher with Georg Kresse
- January 2011–December 2011
University College London, Department of Chemistry, London, UK
PhD+ Postdoctoral Fellow with Angelos Michaelides
- April 2003–June 2005
Institute of Atmospheric Physics, Czech Academy of Sciences, Prague, CZ
Junior Researcher
- EDUCATION** September 2007–May 2011
University College London, Department of Chemistry, London, UK
Study programme: Chemistry, PhD
Thesis: Towards an accurate theoretical description of surface processes
Supervisor: Angelos Michaelides
- October 2002–June 2007
Charles University, Faculty of Mathematics and Physics, Prague, CZ
Study programme: Physics, Chemical Physics (5 year Masters)
Summa Cum Laude
Thesis: Non-elastic electron transport in molecular junctions
Supervisor: Martin Čížek
- MEMBERSHIP** Institute of Physics, Royal Society of Chemistry, American Physical Society, American Chemical Society
- REFEREE FOR** Physical Review Letters, Physical Review B, Journal of Chemical Physics, Journal of Physical Chemistry, Journal of Chemical Theory and Computation, Journal of Physics: Con-

densed Matter, Physica Status Solidi, Carbon, Computational Materials Science

- GRANT REFEREE FOR
NATIONAL SCIENCE FOUNDATION, AUSTRIAN SCIENCE FUND
- HONORS AND AWARDS
2013: Second poster prize at The VIIIth Congress of the International Society of Theoretical Chemical Physics (ISTCP-VIII)
2012: Second place in JČMF Martin Odehnal's competition for young physicists organised by the Czech Union of Mathematicians and Physicists
2010: Publication Prize of the UCL Chemistry Department for the best publication by a PhD student
2009: Thomas Young Centre Junior Research Fellowship
2003–2007: Scholarship for excellent study results
- GRANTS
2018–2022: ERC Starting Grant
APES: Accuracy and Precision for Molecular Solids. Total budget: 924 000 EUR.
2017–2019: Primus
Competitive start-up grant by the Charles University. Total budget: 170 000 EUR.
2015–
8 accepted proposals for CPU time on the national HPC resource Salomon. Total allocation over 11 mil. CPU hours.
2016–2018: Standard grant of the Czech grant agency
Declined due to the work on the MSC Fellowship. Total budget: 160 000 EUR.
2015–2017: Junior grant of the Czech grant agency
Declined due to non-transferability between institutions. Total budget: 205 000 EUR.
2011: PhD+ Postdoctoral Fellowship
A competitive grant awarded to continue and extend the work performed during PhD. Total budget ~30.000 GBP.
- PUBLICATIONS
33 published articles in peer-reviewed journals, including one as the sole author and 8 as the first author, 5759 citations, H-index: 23.
ResearcherID: D-8926-2011, ORCID: 0000-0003-4969-1343.
- CONFERENCE PRESENTATIONS
4 invited and 12 contributed talks at international conferences, 11 poster presentations.
- STUDENT SUPERVISION
2018–: Pham N. K., PhD. student on the ERC project
2017–: K. Prokofiev, PhD. student on the Primus project
2016–2019: J. Hofierka, student project, BSc. thesis, MSc. thesis
2010–2011: G. Graziano, PhD. student, supervisor A. Michaelides
2009–2010: C. Ignatius, MSc. student, supervisor A. Michaelides
- OUTREACH
Organiser of Michaelides' group stand at the Royal Society Summer Science Exhibition 2010. Specifically, I was responsible for the development of the web interface to the HEC-ToR supercomputer which enabled members of the public to run real time simulations on the country's biggest supercomputer. Also I was the impersonator of the George screen character for a set of short educational movies for the public which are available on YouTube.

Organiser of M&M magazine, a competition in Maths, Physics, and Informatics for high school students, 2002–2004.