

# Curriculum vitae Jeffrey Christopher Everts

(Last update: 27 October 2025)

## PERSONAL INFORMATION

Date of birth: **1 April 1988**

Nationality: **Dutch**

ORCID: [0000-0001-6289-3252](https://orcid.org/0000-0001-6289-3252)

ResearcherID: [AAQ-5632-2020](https://pubs.acs.org/doi/10.26434/chemrxiv-2020-aaq)

Google Scholar: <https://scholar.google.nl/citations?user=xYmaIeEAAAAJ&hl=en>

WWW: <https://www.fuw.edu.pl/~jeverts>

## • EDUCATION

- 2025      **Habilitation in Theoretical Physics (cum laude)**  
Faculty of Physics, University of Warsaw, Poland  
Dissertation: Electric double layers in anisotropic fluids
- 2012 – 2016    **PhD in Theoretical Physics**  
Institute for Theoretical Physics, Utrecht University, the Netherlands  
Thesis: Colloidal dispersions of repulsive nanoparticles: tunable effective interactions, phase behaviour and anisotropy  
Supervisor: prof. dr. René van Roij
- 2010 – 2012    **MSc in Theoretical Physics (GPA: 4.0/4.0, cum laude)**  
Utrecht University, the Netherlands  
Thesis: Topological phases and fermionic superfluidity on the Lieb lattice  
Supervisor: prof. dr. Cristiane de Morais Smith
- 2007 – 2010    **BSc in Applied Physics (GPA: 4.0/4.0, cum laude)**  
Eindhoven University of Technology, the Netherlands  
Thesis: Expression of chirality by competing nucleated self-assembly  
Supervisor: prof. dr. ir. Paul van der Schoot
- 2006 – 2010    **BSc in Chemical Engineering and Chemistry (GPA: 4.0/4.0, cum laude)**  
Eindhoven University of Technology, the Netherlands  
Thesis: Expression of chirality in deuterated benzene-1,3,5-tricarboxamides  
Supervisor: dr. Anja Palmans  
Minor: Biomedical Engineering

## • CURRENT POSITION

- 2022 – Present    **Assistant professor (adjunct)**  
Institute of Theoretical Physics, Faculty of Physics, University of Warsaw, Poland
- 2020 – Present    **Postdoctoral fellow**  
Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland  
Research advisor: prof. dr. Robert Hołyst

## • PREVIOUS POSITIONS

- 2019 – 2019    **Visiting researcher**  
Mathematical design of new materials research programme  
Isaac Newton Institute, University of Cambridge, United Kingdom
- 2017 – 2020    **Postdoctoral fellow**  
Faculty for Mathematics and Physics, University of Ljubljana, Slovenia  
Research advisor: dr. Miha Ravnik
- 2008 – 2010    **Junior researcher**  
Spinoza Institute, Eindhoven University of Technology, the Netherlands  
Supervisor: dr. Anja Palmans

- **SELECTED PUBLICATIONS** (\*Equal contribution)

1. J. C. Everts and B. Cichocki, *Dissipative effects in odd viscous Stokes flow around a single sphere*, Phys. Rev. Lett. **132**, 218303 (2024). [\[link\]](#)
2. C. Dao, J. C. Everts, M. Ravník, and Y. Tserkovnyak, *Nematronics: Reciprocal coupling between ionic currents and nematic dynamics*, Phys. Rev. Lett. **130**, 168102 (2023). [\[link\]](#)
3. M. N. van der Linden\*, J. C. Everts\*, R. van Roij, and A. van Blaaderen, *Realisation of the Brazil-nut effect in charged colloids without external driving*, Proc. Natl. Acad. Sci. U.S.A. **120**, e2213044120 (2023). [\[link\]](#)
4. J. C. Everts and M. Ravník, *Ionically charged topological defects in nematic fluids*, Phys. Rev. X **11**, 011054 (2021) [\[link\]](#).
5. J. C. Everts\*, B. Senyuk\*, H. Munderoor, M. Ravník and I. I. Smalyukh, *Anisotropic electrostatic screening of charged colloids in nematic solvents*, Sci. Adv. **7**, eabd0662 (2021) [\[link\]](#).
6. M. Ravník and J. C. Everts, *Topological-defect-induced surface charge heterogeneities in nematic electrolytes*, Phys. Rev. Lett. **125**, 037801 (2020) [\[link\]](#).
7. B. L. Werkhoven, J. C. Everts, S. Samin, and R. van Roij, *Flow-induced surface charge heterogeneity in electrokinetics due to Stern-layer conductance coupled to reaction kinetics*, Phys. Rev. Lett. **120**, 264502 (2018). [\[link\]](#)
8. J. C. Everts, S. Samin and R. van Roij, *Tuning colloid-interface interactions by salt partitioning*, Phys. Rev. Lett. **117**, 098002 (2016) [\[link\]](#).

- **FELLOWSHIPS AND AWARDS**

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|-------------|--|
| 2025        | <i>Microhydrodynamics of three-dimensional odd viscous fluids</i> , OPUS LAP grant, PI, National Science Centre (NCN), Poland.   |
| 2024        | <i>Nematic electrolytes in and out of equilibrium: Effects of anisotropy, ferroelectricity, and activity</i> , SONATA BIS grant, PI, National Science Centre (NCN), Poland.                |
| 2022        | Award “Young Scientists of the IPC PAS” from the Institute of Physical Chemistry, Warsaw, Poland, based on publication list as the first or corresponding author with IPC PAS affiliation. |
| 2022 – 2025 | Individual Fellowship from the “Excellence Initiative - Research University” programme, Institute of Advanced Studies, Warsaw, Poland.   |
| 2022        | Award for Outstanding Young Scientist from the Ministry of Education and Science, Poland - the most prestigious stipend for scientists under 35 in Poland.                                 |
| 2020 – 2022 | <i>Diffusion and flow in interacting complex fluids</i> , Ulam individual fellowship, PI, Polish National Agency for Academic Exchange (NAWA), Poland.                                     |
| 2018 – 2020 | <i>Topological colloidal double layers</i> , Marie Skłodowska-Curie individual fellowship, PI, European Commission, Horizon 2020 Programme.  |
| 2015        | Poster prize, first place, Utrecht University, the Netherlands.  |

- **TEACHING ACTIVITIES**

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|----------------|--|
| 2023 – Present | Teaching various courses at the University of Warsaw – Statistical Physics B (main lecturer), Topics in Modern Statistical Physics (main lecturer), Statistical Physics A (tutorials).     |
| 2011– 2014     | Teaching assistant – Advanced Statistical Physics, Quantum Field Theory, Statistical Field Theory, Special Relativity, Classical Mechanics, Utrecht University, the Netherlands.           |
| 2008 – 2010    | Student assistant – Supervising high school students in their final project on the synthesis and characterisation of liquid crystals, Eindhoven University of Technology, the Netherlands. |

- **INSTITUTIONAL RESPONSIBILITIES**

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|-------------|--|
| 2025        | Member of Organisation Committee, 8 <sup>th</sup> Warsaw School of Statistical Physics, Chęciny, Poland.   |
| 2015 – 2016 | Organizer of the PLaneT (PhD Lunch and non-expert Talk) Seminar, Institute for Theoretical Physics, Utrecht University, the Netherlands.             |
| 2014 – 2016 | Master Programme Coordinator, Dividing educational tasks among PhD students, Institute for Theoretical Physics, Utrecht University, the Netherlands. |
| 2011 – 2012 | Member of Education Advice Committee, Department of Physics, Utrecht University, the Netherlands.  |
| 2011 – 2012 | Evaluation manager of courses in the master programme, Department of Physics, Utrecht University, the Netherlands.                                   |

- **REVIEWING ACTIVITIES**

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| 2021 – Present | Reviewer for various journals, e.g., Soft Matter, EPJE, Liquid Crystals, Crystals, and Polymers. ERC Starting Grant remote referee. |
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