

# Curriculum Vitae

18.9.2020

## 1 Personal Details

- **Name:** Peltomäki, Jarkko Sakari
- **ORCID identifier:** [0000-0003-3164-1559](https://orcid.org/0000-0003-3164-1559)
- **Year of birth:** 1987
- **Nationality:** Finnish
- **Website:** <http://www.turambar.org>

## 2 Education and Degrees Completed

- **Doctor of Philosophy** in mathematics (26.9.2016), University of Turku, Department of Mathematics and Statistics
  - **Thesis title:** Privileged Words and Sturmian Words (accepted with honors)
  - **Supervisors:** Tero Harju and Luca Zamboni
- **Master of Science** in mathematics (31.12.2011), University of Turku, Department of Mathematics
  - **Thesis title (in English):** Six Characterizations of Sturmian Words (accepted with the second highest grade *eximia*)
  - **Supervisor:** Tero Harju

## 3 Linguistic Skills

- **Mother tongue:** Finnish
- **Other languages:** English (excellent), Swedish (fair)

## 4 Current Position

- **Current position:** Collegium post-doctoral researcher, Turku Collegium for Science and Medicine, University of Turku (8/2018–)
- **Research career phase:** Post-doctoral researcher

## 5 Previous Positions

- University teacher, University of Turku, Department of Mathematics and Statistics (9/2017–2/2018)
- Post-doctoral researcher, University of Turku, Department of Mathematics and Statistics (4/2017–8/2017)
- Visiting researcher, Åbo Akademi, Department of Computer Science (12/2016–3/2017)
- Grantee, Åbo Akademi, Department of Computer Science (9/2016–11/2016)
- Grantee, University of Turku, Department of Mathematics and Statistics (4/2016–8/2016)
- Ph.D. student, University of Turku, Department of Mathematics and Statistics (3/2012–3/2016)
- Trainee, University of Turku, Department of Mathematics (5/2011–7/2011)

## 6 International Visits

- St. Petersburg Steklov Institute of Mathematics, St. Petersburg State University (10/2018, 1 week)
- University of Liège, Department of Mathematics (6/2018–7/2018, 5 weeks)

## 7 Personal Research Funding and Grants

- 3/2020: Travel grant from **Magnus Ehrnrooth Foundation**, 1000 €
- 3/2019: Travel grant from **Magnus Ehrnrooth Foundation**, 1050 €
- 2/2018: Mobility from Finland grant from **Academy of Finland** to St. Petersburg, 1500 €
- 3/2017: Travel grant from **Magnus Ehrnrooth Foundation**, 1700 €
- 6/2016–11/2016: Research grant from the **Finnish Cultural Foundation**, 12000 €
- 4/2016–5/2016: **MATTI** grant for completing a doctoral degree, 3344 €
- Several small travel grants

## 8 Teaching Experience

- Pedagogical training (10 ECTS credits), University of Turku, completed first module
- Lecturer on 5 courses, 2017–2019, University of Turku
- Course assistant on 7 courses, 2012–2017, University of Turku
- Written an online course material for a MATLAB course, 2017, University of Turku
- Supervisor of 10 essays in mathematics (either currently in preparation or finished), 2016–2020, University of Turku

## 9 Awards

- Coauthored the Best Student Paper of WORDS 2019 (2019)

## 10 Other Academic Merits

- 18 peer-reviewed scientific articles, 1 non-reviewed or submitted articles, 2 theses
- 81 citations and h-index 6 according to Google Scholar, 39 citations and h-index 3 according to MathSciNet, 44 citations and h-index 3 according to Scopus
- 16 coauthors from 6 countries
- Invited speaker in 2 international conferences; speaker in 4 international conferences and in 2 national conferences
- Member of organizing committee of 3 conferences; member of program committee of 1 conference
- Referee of articles in scientific journals and conferences; invited reviewer for Mathematical Reviews
- Newspaper article on my research in Helsingin Sanomat (19.3.2020); talk at the software company Taiste (2018); teaching elementary school pupils to program in an Hour of Code event (2017,2018); video interview for students of Kaarinan lukio on being a scientist (2017); talk for the pupils of Vasaramäen koulu during the science festival Tieteen päivät (2017)