

Curriculum vitae

Juha-Matti Huusko
Postdoctoral Researcher,
Department of Physics and
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Research interest:

- complex analysis
- differential equations
- operator theory
- univalent functions
- harmonic mappings
- different languages



Career objective: to work as a postdoc researcher outside of Finland,
currently searching for possible locations & funding

1. Full name and date

- Huusko, Juha-Matti Aleksanteri
- Gender: male
- This document was written 07.07.2017

2. Date and place of birth, nationality, current residence

- Date of birth: 20.04.1987
- Place of birth: Kuhmo, Finland
- Nationality: Finnish
- Current residence: Yliopistokatu 7, 80100 Joensuu, Finland

3. Education and degrees awarded

- PhD, University of Eastern Finland, mathematics, 6/2017
- MSc, University of Eastern Finland, mathematics, 9/2013

4. Other education and training, qualifications and skills

- BC driving licence (European, vehicles less than 12 tonnes)

5. Linguistic skills

- Finnish – mother tongue
- English – fluent
- Swedish – mediocre
- Bengali – mediocre
- German - basics

6. Current position

- Postdoctoral researcher, University of Eastern Finland, 7/2017 –

7. Previous work experience

- Early stage researcher, University of Eastern Finland, 10/2013 – 6/2017
(full time doctoral student, teaching 80 hours per year, funding: UEF doctoral school)

8. Research funding as well as leadership and supervision

- Funded by the doctoral school of UEF 10/2013 – 6/2017
- Travel grant, 1000€, Oscar Öflunds Stiftelse, CMFT-2017 participation

9. Merits in teaching and pedagogical competence

- Pedagogical training: qualified teacher of mathematics and physics
- Supervision and grading of bachelors theses
- Teaching, for example, the following courses: topology, complex analysis, Fourier analysis, numerical analysis

10. Other academic merits

- Reviewer in J. Math. Anal. Appl.

11. Internationalization

- In total, 4 different international events in Joensuu, Finland 2012-2016
- Conference on Normal families, Würzburg, 5/2015
- Informal visit in Indian Statistical Institute (ISI), Chennai Centre, 2/2016

12. List of publications; scientific and societal impact of research

- J.-M. Huusko, Localisation of linear differential equations in the unit disc by a conformal map, Bull. Aust. Math. Soc. 93 (2016), no. 2, 260 – 271.
- J.-M. Huusko, T. Korhonen, A. Reijonen, Linear differential equations with solutions in the growthspace $\mathcal{H}(\omega^\infty)$, Ann. Acad. Sci. Fenn. Math. 41 (2016), no. 1, 399 – 416.
- J. Gröhn, J.-M. Huusko, J. Rättyä, Linear differential equations with slowly growing solutions, to appear in Trans. Amer. Math. Soc. <https://arxiv.org/abs/1609.01852>
- J.-M. Huusko, M. Martín, Criteria for bounded valence of harmonic mappings, Comput. Methods Funct. Theory (2017).
- J.-M. Huusko, Methods for complex ODEs based on localization, integration and operator theory, doctoral thesis.
J.-M. Huusko, T. Vesikko, On Becker's univalence criterion, submitted manuscript. <https://arxiv.org/abs/1705.05738>

13. Other merits & language hobbies

- Singin in Tamil to 60 000 people, invited guest in Ilaiyaraaja 1000 event, 2/2016, Chennai, India. <https://vimeo.com/197254363>
- YouTube-video in Tamil with 44 000 viewers: <https://www.youtube.com/watch?v=mGBEJn-7KCU>
- Bengali learning website: <https://imgur.com/a/cCMCq>
- Most beautiful student apartment in Finland competition 2017 winner (99€ gift card and 499,90€ GoPro camera): <https://www.youtube.com/watch?v=v4MS5L0ynAg>

Thesis and publications available at:

<http://integraali.com/defense2/>