

Ville Eemeli Laitinen

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Degrees

Master of Science, *University of Turku*, Finland. **11.6.2015**
Mathematics

Bachelor of Science, *University of Turku*, Finland. **8.3.2012**
Theoretical Physics

Language skills

Finnish: Native

English: Excellent

Swedish: Good

Current employment

Doctoral candidate, *Asst. professor Leo Lahti's research group at the Department of Computing, University of Turku*, Finland. **8/2018 – 12/2022**

Development and application of statistical machine learning methods in microbial bioinformatics. Stage of the academic research career I.

Previous work experience

Project assistant, *Asst. professor Leo Lahti's research group at the Department of Mathematics and Statistics, University of Turku*, Finland. **11/2017 – 8/2018**

Data analysis in applied microbial bioinformatics and development of machine learning methods. Fixed-term contract.

Research funding and grants

Doctoral candidate position, *University of Turku Graduate School (UTUGS)*. **2019-2020**

Research output

Laitinen V, Lahti L, *A hierarchical Ornstein-Uhlenbeck model for stochastic time series analysis*, *Advances in Intelligent Data Analysis XVII, IDA 2018, Lecture notes in Computer Science*, Springer, Cham. In Press.

Aatsinki A, Keskitalo A, Laitinen V, Munukka E, Uusitupa H, Lahti L, Korttesluoma S, Mustonen P, Rodrigues AJ, Coimbra B, Huovinen P, Karlsson H, Karlsson L , *Maternal prenatal psychological distress and hair cortisol levels associate with infant fecal microbiota composition at 2.5 months of age*, *Psychoendocrinology*, 2020.

Salosensaari A, Laitinen V, Havulinna A, Meric G, Cheng S, Perola M, Valsta L, Alfthan G, Inouye M, D. Watrous J, Long T, Salido R, Sanders K, Brennan C, Humphrey G, Sanders J, Jain M, Jousilahti P, Salomaa V, Knight R, Lahti L, Niiranen T, *Taxonomic Signatures of Long-Term Mortality Risk in Human Gut Microbiota*, 2021, *Nature Communications* 12.

Laitinen V, Dakos V, Lahti L, *Probabilistic Early Warning Signals*, 2021, *Ecology and Evolution* 11.

Teaching merits

Demonstrator, *University of Turku*, Finland.

Fall/2018

Demonstrator for a course in probability

Pedagogical studies, *University of Turku*, Finland.

2014 – 2015

For teachers of mathematical subjects, 60 ECTS.