

1. Personal details

- Skyttä, Pietari Mikael
- year of birth: 1976
- nationality: Finnish
- website: <https://research.utu.fi/converis/portal/Person/1217539>

2. Education and degrees completed

- 29.11.2007, PhD in Geology and Mineralogy, University of Turku, Finland (Request to check the validity to be sent to: kirjaamo@utu.fi)
- 10.10.2002, MSc in Geology and Mineralogy, University of Turku, Finland,
- 14.06.2013, Adjunct professor (dosentti) in Structural Geology and 3D-modelling, University of Turku, Finland

3. Current position

- Assistant professor (tenure track) in bedrock geology and geospatial modelling, University of Turku, 1.10.2015 –
- Consultant work for the national Radiation and Nuclear Safety Authority (STUK), 2013-

4. Previous work experience

- University lecturer in geology, University of Turku, 1.7.2014-30.9.2015
- Professor in Geology and Mineralogy; University of Turku, Finland; 01/2014-06/2014; (80% employment)
- Lecturer in structural geology, GIS and 3D-modelling; University of Helsinki, Finland; 1.11.2012 – 30.6.2014 (20% employment between 1.1.2014-30.6.2014)
- Project geologist at Boliden Mineral AB, Sweden; 01-07/2012
- Research scientist at Luleå University of Technology, Sweden; 01/2010-12/2011
- Post-doc at the Luleå University of Technology, Sweden; 04/2008 – 12/2009
- Assistant in geology (Geologian assistentti) at the Helsinki University of Technology, Laboratory of Geoenvironmental Technology; 08/2006 – 05/2008 (50% employment in 04-05/2008)
- PhD Student under the National Graduate School in Geology; Geological Survey of Finland/University of Turku; 01/2003 – 07/2006
- Field assistant (Kenttäapulainen) at the Geological Survey of Finland; 06 – 08/2002

5. Career breaks

- Finnish military service 1995-1996 (11 months), rank: second lieutenant (reservin vänrikki)

6. Personal research funding and grants

- 20 000 EUR grant by K. H. Renlund Foundation, in 2013-2014 for a research project “Structural analysis and 3D-modelling of the structures controlling the spatial distribution and structure of Cu- and Au-deposits in the Peräpohja Belt, Northern Finland”; *Role in the project*: Project leader and responsible for preparation of the research proposal
- 30 000 EUR grant by K. H. Renlund Foundation in 2016-2018 for “Use of bedrock structural data in bedrock surface interpolation in the context of 3D-modelling of aquifers”; *Role in the project*: Project leader
- 100 000 EUR grant from the Geological Survey of Finland in 2017-2018 for a collaborative research project focusing on the structural setting of gold deposits in south-western Finland; *Role in the project*: Project leader
- 63 000 EUR grant from EU’s H2020 funding in 2017-2020; Principal Investigator Prof. Alireza Malehmir, Uppsala University, Project title SMART Exploration; *Role in the project*: University of Turku coordinator
- 15 000€ in 2017 from Auramo foundation for development of 3D-imaging tools of concrete samples

7. Leadership and supervision experience

- Officially appointed supervisor to 12 completed MSc thesis in 2014-2018
- Officially appointed supervisor of five ongoing MSc projects at the Universities of Helsinki and Turku
- Officially appointed supervisor of four ongoing PhD projects; one expected to graduate early in 2019, the other three have started in 2018
- Leader of the collaborative project with the Geol. Survey in Finland in 2017-2018 and supervision of co-workers in consulting work for STUK in 2015-2018

8. Teaching experience

- Several courses from 2012 onwards, topics including: *3D-modelling* (3-5 credit points), both BSc and MSc/PhD level, *Structural Geology II* (3 cp) MSc/PhD level; *Brittle bedrock structures and engineering geology* (5 cp) MSc-level; *Fennoscandian field course* (5 cp; 2 weeks), MSc level (2015, 2017); Global Tectonics MSc level, 2015, 2017, 2018 (5 cp); Field mapping, (2-3 cp), BSc and MSc level, yearly/biannually; *Geological Research Methods* (5 cp), BSc level
- Other: Several courses covering subjects in field mapping, structural geology, bedrock engineering geology during 2006-2012 in Finland and Sweden

9. Experience of organising scientific meetings

- Member of organising committee
 - Nov. 2014, Lithosphere 2014 Symposium (Turku), ca. 80 participants
 - Jan 2016, The Nordic Geological Winter Meeting (Helsinki), ca. 500 participants
 - NordMin Nordic 3D geological modeling workshop (Trondheim, Nov 2016)
 - ANNETTE Summer School (<https://annettesummerschool.org/>) organising group, invited guest lecturer in the summer school; ca. 60 participants
- Main organizer
 - Sept 2016, Minisymposium on Post-Glacial faults (Turku), ca. 40 participants
 - March 2018, The 4th COLLOQUIUM OF FINNISH GEOSCIENCES (Turku), ca. 90 participants

11. Other key scientific or academic merits

- Member of Referee committee for PhD defence by Kaisa Nikkilä at Åbo Akademi University, 23rd September 2016
- Official opponent of the doctoral dissertation of Mira Markovaara-Koivisto, Aalto University, Finland, November 2017. Title of the thesis: "Visualization and modelling of rock fractures and rock quality parameters in 1-3 dimensions in crystalline bedrock"
- Member within EU-funded EIT-KIC project Visualisation of 3D–4D models in exploration and geosciences (Visual3D), led by Luleå University of Technology, Sweden
- Responsible for planning of the new MSc and BSc curricula at the University of Turku (UT) in 2014-2015, aiming at increased collaboration between the geology units of the University of Turku and Åbo Akademi University (ÅA)
- Member within EU-funded EIT-KIC project Visualisation of 3D–4D models in exploration and geosciences (Visual3D)

12. Memberships and positions of trust in scientific societies

- member of the Geological Society of Finland
- member of Society of Geology Applied for Mineral Deposits (SGA)
- 2018- , member in national Lithosphere Committee, Finland