



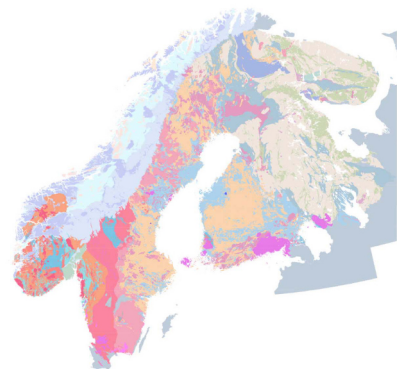
Geowissenschaftliches Kolloquium

Evolution of Precambrian crust in Finland

Thursday, April 29, 2021. Discussion from 17:00 h

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The Precambrian crust of Finland belongs to the Fennoscandian shield, East European craton. The most important events during the evolution of the Finnish bedrock occurred during Archean at 2.9–2.7 Ga and Paleoproterozoic Svecofennian orogeny at 1.93–1.78 Ga. In those events, the continental crust was segregated from the Earth's mantle in two major (probably complex) orogenies. The most significant of the younger event is the formation of the Mesoproterozoic 1.65–1.54 Ga rapakivi granites.



My research interest is Precambrian plutonic rocks; sources and possible geodynamic settings in which they are formed. Geothermal heat production changed in the Earth during the Archean Proterozoic transition, which had a discernible effect on the geological processes that form continental crust. I am currently forming a research group to the University of Turku under title Crustal Evolution.

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