

Dr. Janne Lehtinen is a research team leader of the Quantum sensor team at VTT that focuses on a wide spectrum of semiconductor and superconducting technologies at the forefront of the emerging quantum technologies. He obtained his Ph.D. on the topic of quantum fluctuations in superconducting nanowires in 2014 from the University of Jyväskylä, Finland. He is currently a PI of Academy of Finland project ETHEC and a WP-leader of EU Horizon 2020 project EFINED, which focus on thermal management and superconductor-semiconductor coolers. He is the superconducting platform leader in an EU framework partnership related to the quantum pilot line and a semiconductor WP leader in the Quantum Industrial Business Finland project aimed to develop the Finnish quantum computing ecosystem. In addition, he has been and is now leading several commercial projects at VTT. He has published over 30 peer-review articles and has two granted patents and several filed patent applications.