

## Doctoral Candidate in Quantum Optomechanics

Wed, 2016-12-21 17:23 - [Minna Günes](#) [1] **At:** Aalto University, Finland  
**Deadline:** 31 January, 2017

### Location

Aalto University, Finland Puumiehenkuja 2  
Espoo (Helsinki) 02150 Finland  
60° 11' 13.0488" N, 24° 49' 46.7364" E

The [NANO](#) [2] group of CQE is looking for a doctoral candidate to join the EU-funded Marie Curie European Training Network (ETN) in [Optomechanical Technologies – OMT](#) [3]. The doctoral candidate will be involved in implementing an optomechanical type of read-out scheme at microwave frequencies while gaining high quality doctoral-level training provided by the network partners.

We offer a highly stimulating research environment for experimental physicists with relevant training in condensed matter physics. As a member of our team you will be joining the national Centre of Excellence “[LTO](#) [4]” and get to use the top-level instrumentation of Low Temperature Laboratory and Micronova nanofabrication center, both part of the national [OtaNano](#) [5] research infrastructure. Located at the Aalto main campus in [Otaniemi](#) [6], Espoo, the CQE is surrounded by the largest and leading innovation hub in the Nordic countries.

The eligible candidate must not have resided or carried out his/her main activity (work, studies, etc.) in Finland for more than 12 months in the 3 years immediately prior to the recruitment. We explicitly encourage female researchers to apply.

For details, see the [announcement](#) [7] on Aalto University website.

Contact: Prof. [Pertti Hakonen](#) [8] (pertti [dot] hakonen [at] aalto [dot] fi)

- [PhD](#) [9]

**Source URL:** <http://qurope.eu/db/jobs/doctoral-candidate-quantum-optomechanics>

### Links:

[1] <http://qurope.eu/users/gunes15>

[2] <http://physics.aalto.fi/nano>

[3] <http://www.omt-etn.net/>

[4] <http://ltq.aalto.fi/>

[5] <http://www.otanano.fi/>

[6] <http://www.otaniemi.fi/>

[7] <http://www.aalto.fi/en/about/careers/jobs/view/1127/>

[8] [https://people.aalto.fi/index.html?profilepage=isfor#!pertti\\_hakonen](https://people.aalto.fi/index.html?profilepage=isfor#!pertti_hakonen)

[9] <http://qurope.eu/db/jobs/type/phd>