

# Curriculum vitae



**Name, Date of birth:** Christoph Langhammer, 1978-09-22 in Zürich, Switzerland

**Affiliation:** Associate Professor at Chalmers University of Technology

**Webpage:** [www.langhammerlab.se](http://www.langhammerlab.se)

**Marital Status:** Married to Elin Larsson Langhammer.

**Children:** Noël (born 2013), Felix (born 2015).

## Education and degrees

2013 – Appointed “Oavlönad Docent” at Chalmers University of Technology

2009 – PhD in Materials Science at Chalmers University of Technology

2004 – Master Degree in Materials Science at Swiss Federal Institute of Technology (ETHZ).

## Current and previous positions

*Associate Professor (March 1<sup>st</sup> 2015 onwards):*

Chalmers University of Technology, Department of Applied Physics.

*Assistant Professor (January 1<sup>st</sup> 2011 – February 2015):*

Chalmers University of Technology, Department of Applied Physics.

*Post-doctoral Fellow (November 1<sup>st</sup> 2009 - December 31<sup>st</sup> 2010):*

Chalmers University of Technology, Department of Applied Physics. Advisor: Prof. Bengt Kasemo.

## Distinctions, scholarships and awards

**2016:** SSF Materials Science Framework Project Grant, 28,9 M SEK; Mistra Innovation Grant, 6,1 M SEK.

**2015:** ERC Starting Grant, 1.5 M €.

**2015:** Knut and Alice Wallenberg Foundation project grant, 35,9 M SEK.

**2015:** Last and corresponding author of Nature Materials publication (doi:10.1038/nmat4409).

**2014:** Recipient of Swedish Research Council “Unga Forskare ” grant (4.1 M SEK).

**2012:** Chalmers Area of Advance Prize for excellence in performed scientific work, teaching and exploitation of science through a spin-off company (100 k SEK).

**2011:** Winner of the Swedish Cleantech Business Award with Insplorion AB.

**2010:** Stipend from HM King Carl XVI Gustaf's foundation (125k SEK).

**2010:** Recipient of Swedish Research Council “Forskarassistent” grant (6.5 M SEK).

**2009:** 3<sup>rd</sup> place at Venture Cup West with commercialization project “Clean Sense”.

## Supervising experience

Supervisor of 11 PhD students since 2011, whereof currently main supervisor for 5. Advisor of 5 post docs.

Supervisor and examiner of a total of 16 master thesis projects. The following theses have been produced:

**2016:** Main supervisor: Ferry Nugroho (licenciate), Pooya Zadeh (PhD), Sara Nilsson (Master), Sune Levin (Master), Iwan Darmadi (Master), Sebastian Idh (Master).

**2015:** Main supervisor: Carl Wadell (PhD), David Johansson & David Albinsson (master).

**2014:** Examiner/main-/co-supervisor: Viktoria Gusak (PhD), Francesco Mazzotta (PhD), Kristina Wettergren (PhD), Pooya Tabib Zadeh Adibi (licenciate), Svetlana Syrenova (licenciate), Jenny Andersson, Mattias Fredriksson, Emmanuel Nkurunziza, Emil Lidström (all master).

**2013:** Examiner/co-supervisor for Zhaleh Pirzadeh (licenciate), Johan Hagberg (master), Farzin Jahangiri (master).

**2012:** Examiner/co-supervisor for Carl Wadell (licenciate) Ferry Nugroho (master), Svetlana Syrenova (master).

**2011:** Examiner/supervisor Ugo Sassi (master), Tobias Moberg (master), Julien Millet (master).

## National and international assignments of importance

**2015 onwards:** Member of Strategic Reference group of the Chalmers Materials Analysis Laboratory

**2014 onwards:** Member of surface analysis expert group of the Chalmers Materials Analysis Laboratory.

**2014:** Member of PhD evaluation committee for Erik Martinsson (LiU).

**2013:** Member of PhD evaluation committee for Chunze Yuan (KTH).

**2011 onwards:** Regular reviewer for ACS, RSC, Nature Publishing group and Wiley.

**Since 2011:** A total of 17 invited oral keynote conference presentations.