

Karin Mattsson

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EDUCATION

PhD, Lund University 2011 - 2016

Thesis: Nanoparticles in the aquatic environment - Particle characterization and effects on organisms.

Master of Science in Physics, Lund University 2005 - 2011

Thesis: Development and testing of a new detector system, LuSiA, the Lund Silicon Array.

EXPERIENCE

Senior Researcher, University of Gothenburg 2021-01 -

Method development and analysis of micro- and nanoplastic particles with correlative microscopy.

Postdoctoral Researcher, University of Gothenburg 2019-02 - 2020-12

Method development and analysis of marine micro- and nanoplastic particles with correlative microscopy. Identifying plastic micro- and nano plastic particles in tap water; within water works; from raw water to tap.

Postdoctoral position, University of Gothenburg 2017-02 - 2019-01

Method development and analysis of marine microplastic particles with correlative microscopy.

Application Scientist, Probation Labs, Lund 2016-09 - 2017-01

Working with the titrating spectrometer - Probe Drum.

Postdoctoral position, Lund University 2016-06 - 2017-01

Nanoparticles in the aquatic environment.

Guide, Tycho Brahe museum, Hven 2008 -

Giving guided tours with a focus on Tycho's scientific work.

BOARDS

Executive committee and treasure of the boxing club New Boxing Generation, 2020-

Executive committee and Skattnästare of the Swedish Boxing Federation, 2018-

President (2021-), executive committee and treasure of the South Swedish Boxing Federation, 2015-

Executive committee and treasure of the boxing club BK FOX, 2001-2019

Executive committee, treasure and secretary of Brf Husaren 6, 2015-

Executive committee and vice president of Brf Äro, 2012-2014

Bord of the Department, Department of Marine Sciences, University of Gothenburg.

Kristineberg environmental coordination group, Kristineberg Research station, University of Gothenburg.

The chemical society in Lund, Lund.

The small presidium and the faculty leading group, Faculty of Science, Lund University.

CMPS unit council, Department of Chemistry, Lund University.

Basic education board, Centre for Environmental and Climate research, Lund University.

Department board, Centre for Environmental and Climate research, Lund University.

FUNDING

Wahlströms stiftelse, 2020, main applicant, 58 000 sek

Formas, 2019, co-applicant, 3 000 000 sek

Svenskt vatten och utveckling, 2018, co-applicant, 450 000 sek

Livsmedelsverket, 2018, co-aplicant, 700 000 sek

NanoLund Seedling project, 2015, main applicant, up to 100 000 sek

SUPERVISION OF STUDENTS

Master students: 4

Batchelor students: 5

Visiting PhD student: 1

Internship students: 3

OUTREACH

Invited speaker: 12

Popular science presentations: 6

PUBLICATIONS

Number of Peer Reviewed Articles: 11

Technical reports: 4

Chapters: 2