

# Anton Såmark-Roth

## Curriculum Vitae

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Civil state: Living with wife



## Research

2018-10-09 **Article**, *Low-lying states in  $^{219}\text{Ra}$  and  $^{215}\text{Rn}$ : sampling microsecond  $\alpha$ -decaying nuclei*, Physical Review C.

25/7-15/9, **HGS-HIRe summer student program**, *Gesellschaft für Schwerionenforschung (GSI)*, Darmstadt, Germany.

8 week project experimental work in the SHIPTRAP research group, which performs precise direct mass measurements of heavy and superheavy nuclei.

Jan-Jun, **Master thesis**, *Nuclear Physics Division*, Lund University.

2016 Title: 'Extraction of energy and time from pile-up pulses with fast sampling ADC analysis techniques'. Open access: <https://lup.lub.lu.se/student-papers/search/publication/8882017>

## Employments

2016-12-01 – **PhD Student**, *Nuclear Physics, Department of Physics*, Lund University.

2015 **Summer Associate**, *E.ON, Business Innovation*, Malmö.  
Development of a district heating data analysis tool.

2011–2015 **Professional Handball Player**, *LUGI Handboll*, Lund.

Played in the best league in Sweden over four seasons. Season 2013-2014 we reached the quarter finals in the EHF-cup and finished 2nd in the Swedish league.

Summer 2014 **Real Estate Attendant**, *Förvaltnings AB Stadsbostäder*, Malmö.

## Education

2011–2016 **Master of Science in Engineering Physics**, *The Faculty of Engineering*, Lund University.

Specialisation: Accelerators - physics and technology

2008–2011 **Nature Scientific Program**, *High-school*, Söderslättsgymnasiet, Trelleborg.

## Languages

- Swedish - mother tongue
- English - fluent
- German - advanced

## Computer skills

Programming	C++, C and, Python
Frameworks	ROOT and GO4
Editing	Latex and Microsoft Office
Operative systems	Linux and Windows
Other	Git

## Personal profile

The combination of practising handball at an advanced level and an engineering education has affected me as a person. It has made me organized, independent, wanting to always keep myself busy and that I always make high demands of myself. I love challenges, they motivate me.

## Interests

Family	Spending time with family and friends is a key feature in my life.
Sustainability	A sustainable world, from an environmental, social and economical aspect, is an important goal which colours me and my thoughts everyday. I believe good research is crucial in making the world more sustainable.
Training	I love to workout and compete in sports. For me, there are few better feelings than being completely exhausted after a hard workout. Currently, the sport in focus is racketlon.