

# Riinu Ots

Curriculum Vitae

May 2018

## PERSONAL DETAILS

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<i>Email</i>	R.Ots@ed.ac.uk
<i>Website</i>	<a href="https://riinu.me/">https://riinu.me/</a>
<i>Presentations</i>	<a href="https://speakerdeck.com/riinuots/">https://speakerdeck.com/riinuots/</a>
<i>GitHub</i>	<a href="https://github.com/riinuots/">https://github.com/riinuots/</a>

## EDUCATION

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### PhD Environmental Chemistry

2012 - 2016

*University of Edinburgh*

Thesis: "High resolution modelling of particulate matter air quality over the UK"

Supervisors: Dr. Mathew R. Heal, Dr. Massimo Vieno, Dr. Stefan Reis

### BSc Physics (First class equivalent)

2009 - 2012

*University of Tartu*

## WORK AND TEACHING EXPERIENCE

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### Data Manager

2016 - current

*Clinical Surgery, Deanery of Health Sciences, University of Edinburgh*

### Demonstrator and tutor

2013 - 2016

*School of Geosciences, University of Edinburgh*

### Specialist in numerical modelling (Part-time: 0.1)

2012 - 2015

*Laboratory of Atmospheric Physics, University of Tartu*

### Lab assistant in numerical modelling (Part-time: 0.4)

2012 - 2015

*Laboratory of Atmospheric Physics, University of Tartu*

### Intern in air quality modelling

Aug-Oct 2011

*NERC Centre for Ecology & Hydrology, Edinburgh*

### Field Biologist

Jun-Aug 2010

*Estonian Fund for Nature, Estonia*

## GRANTS AND AWARDS

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<b>Principal's Teaching Award Scheme</b> <i>University of Edinburgh: For further development of <a href="http://www.shinystats.org">www.shinystats.org</a></i> £5,000	2017
<b>Estonian Students Fund in USA</b> <i>PhD travel bursary</i> \$3,000	2013
<b>Estonian Students Fund in USA</b> <i>PhD travel bursary</i> \$2,000	2013
<b>PhD stipend</b> <i>NERC-CEH fully funded studentship</i> £60,000	2012-2016
<b>III award - Young researchers</b> <i>32nd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application, Work: "Scale-dependent and seasonal performance of SILAM model in Estonia"</i> \$350	2012
<b>II award in Environmental Sciences</b> <i>Intel International Science and Engineering Fair, Work: "Implementation of Thermal Plume Rise in SILAM Atmospheric Dispersion Model":</i> \$1,500 The award included the naming of an asteroid after me: 25616_Riinuots.	2009

## REVIEWING

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<b>Grant proposals: Cancer Innovation Challenge</b> <i>Organiser: The Data Lab</i>	2017- ...
<b>Peer-review</b> <i>Journal: Palgrave Communications</i>	2016
<b>Peer-review</b> <i>Journal: Environmental Pollution</i>	2016
<b>Students' Research Projects Competition</b> <i>Organiser: Estonian Research Council</i>	2012 - 2014

## PRESENTATIONS AT INTERNATIONAL CONFERENCES

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<b>Plenary presentation</b> <i>"Reporting Apps"</i> REDCapCon - Research Electronic Data Capture conference	2017 New York, US
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**Poster presentation**

2017  
Helsinki,  
Finland

*“ShinyStats: A new, interactive and engaging way to tutor trainee surgeons in statistics”*

Association for Medical Education in Europe (AMEE) conference

**Demonstration**

2017  
Manchester,  
UK

*“HealthyR: R for healthcare data analysis”*

Informatics for Health

**Oral presentation**

2015  
Montpellier,  
France

*“Model-measurement comparisons of speciated primary and secondary organic aerosol in London”*

34th International Technical Meeting on Air Pollution Modelling and its Application

**Poster presentation**

2013  
Miami, US

*“Modelling Past and Future Changes in Secondary Inorganic Aerosol Concentrations in the UK.”*

33rd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application

**Poster presentation**

2012  
Utrecht,  
Netherlands

*“Scale-Dependent and Seasonal Performance of SILAM Model in Estonia”*

32nd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application

**Oral presentation**

2011  
Kos, Greece

*“Atmospheric transport model applied to understand the effect of biogenic emissions to secondary atmospheric aerosol in hemiboreal zone.”*

11th conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Kos, Greece

**Poster presentation**

2010  
Turin, Italy

*“A Wintertime Local-to-Regional Scale Test Case Study of SILAM Model”*

31st NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application