

Riinu Ots

Curriculum Vitae

June 2018

PERSONAL DETAILS

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

EDUCATION

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

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

Principal's Teaching Award Scheme <i>University of Edinburgh: For further development of www.shinystats.org</i> £5,000	2017
Estonian Students Fund in USA <i>PhD travel bursary</i> \$3,000	2014
Estonian Students Fund in USA <i>PhD travel bursary</i> \$2,000	2013
PhD stipend <i>NERC-CEH fully funded studentship</i> £60,000	2012-2016
III award - Young researchers <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
II award in Environmental Sciences <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

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

PRESENTATIONS AT INTERNATIONAL CONFERENCES

Plenary presentation <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