

P Johan H Boman

Department of chemistry and molecular biology, Atmospheric science,
University of Gothenburg, SE-412 96 GÖTEBORG, Sweden
Tel.: +46 31 786 90 09, johan.boman@chem.gu.se



https://www.researchgate.net/profile/Johan_Boman
<http://orcid.org/0000-0001-9862-4126>

1. Undergraduate degree in physics at University of Gothenburg, 1980.

2. Ph. D. in physics, University of Gothenburg, October 1990.

Title: Detector performance measurement techniques and computer software in an EDXRF-spectrometer applied to environmental and medical studies.

4. Qualification required for appointments as a docent 1998.

5. Current position

Senior lecturer and Professor at the Department of chemistry and molecular biology, University of Gothenburg, Göteborg, Sweden. Approximately 30% time for research. Director of studies.

6. Previous academic positions

Various academic positions at Chalmers University of technology and University of Gothenburg since 1985.

7. Interruption in research

Parental leave: 1988, 1990. **Sick leave:** 2000

8. Main PhD supervisor for

Samuel Mwaniki Gaita	PhD September 2017
David Maina,	from September 2011
Annemarie Wagner	PhD November 2004
Michael Gatari	PhD March 2006

9. Assistant PhD supervisor for

Patrik Pettersson	1998
Nguyen Thi Hong	1999
Marie Olsson,	1997
Christina Larsson	1997

10. Commissions, etc.:

Part of the advisory panel of the UK Department for International Development (DFID) funded project 'A systems approach to air pollution – East Africa' 2017 –

Evaluator of Excellence research proposals for the Research Promotion Foundation of Cyprus, 2018

Member of the Editorial board of X-Ray Spectrometry. 2016 – . From 2019 Editor-in-Chief.

Main organizer and chair of European Conference on X-Ray Spectrometry 2016. Held in Gothenburg, June 19-24, 2016.

Member of the UNEP Air Quality Advisory Group. 2015 –

Chair of the local organizing committee and member of the local scientific committee of World Environmental Education Congress 2015.

Member of the EU-financed Erasmus+ Knowledge Alliances project “Competencies for A sustainable Socio Economic development” (CASE) (2015-2017).

Chair of quarterly online meetings about development and monitoring of urban air quality in Sub-Saharan Africa with members from UNEP, UN-Habitat, World Bank, Universities of Nairobi, Columbia (NY), Gothenburg, Stockholm Environmental Institute. 2015 –

Board member of Skogaryd research station, 2015 –

Evaluated research proposal for the Volkswagen Foundation, November 2014.

Sabbatical research visit at University of the West Indies, Mona, Kingston, Jamaica, October-December 2014.

Gave a PhD course in Climate, Biodiversity and Ecosystem Services in an Earth System Science (ESS) perspective at the Science faculty, University of Gothenburg, August 2014.

Arranged workshops in Gothenburg (2014) and Nairobi (2015) on Air and Life Quality Development in Nairobi and other Sub-Saharan Africa cities. Funded by SSEESS and Gothenburg Atmospheric Science Centre.

Member of the VR-funded collaboration project “Photochemical Smog in China – Formation, transformation, impact and abatement strategies”. Jan 2014 –

Gave a PhD course in Atmospheric science at the Center for Environmental Science, University of Addis Ababa, Ethiopia. May 2013.

Member of the steering committee of the graduate school ClimBEco – climate, Biodiversity and Ecosystem services in a changing world. 2012 – 2014

Coordinator of the former Atmospheric science now Atmospheric, Climate and Ecosystems (ACE) master’s program at the faculty of science, University of Gothenburg. May 2011 –

Organiser of the 1st and 2nd workshop on “Environmental challenges of Egypt – Assessment of some Inorganic pollutants in Cairo’s Air Using X-ray Fluorescence Techniques” in Cairo, Egypt. July 2010 and February 2012.

Head of Atmospheric Science Division, Department of Chemistry and molecular biology, University of Gothenburg, January 2007 –

Member of the steering committee of Chalmers Faculty Club, Göteborg, 2007 –2017

Supervisor or examiner for approximately five **Master of science thesis projects** each year; at University of Gothenburg, Chalmers University of technology, University of Nairobi, University of Addis Ababa, University of the West Indies.

Peer reviewer for articles submitted for publication in 26 international journals.

Guest lecturer at Department of chemistry, University of West Indies, Kingston, Jamaica. March 2012, October-November 2013 and at Institute of Nuclear Science and Technology, University of Nairobi, Nairobi, Kenya. November 2011, December 2013.