

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: **Susi, Toma**
Date of birth: 17.1.1983
Nationality: **Finnish**
Website: www.mostlyphysics.net
Researcher identifiers: 0000-0003-2513-573X (ORCID)
C-2989-2009 (ResearcherID)

BIBLIOMETRICS

Research articles:	27 (+4)
First-author:	12 (+2)
	ISI Google
Citations:	257 351
h-index:	9 11

EDUCATION

2011 **Doctor of Science (Technology)**
Department of Applied Physics, Aalto University School of Science, Finland
Dissertation: *Nitrogen-doped single-walled carbon nanotubes* (Prof. E.I. Kauppinen)

2008 **Master of Science (Technology)**
Department of Applied Physics, Helsinki University of Technology, Finland

CURRENT POSITION

2015 – 2018 **Principal investigator** (FWF Stand-alone project)
Faculty of Physics, University of Vienna, Austria

PREVIOUS POSITIONS

2013 – 2015 **Postdoctoral fellow** (Prof. P. Ayala)
Faculty of Physics, University of Vienna, Austria

2011 – 2013 **Postdoctoral researcher** (Prof. E.I. Kauppinen)
Department of Applied Physics, Aalto University School of Science, Finland

2008 – 2011 **Research scientist** (Prof. E.I. Kauppinen)
Department of Applied Physics, Helsinki University of Technology, Finland

FELLOWSHIPS

2013 – 2015 **FWF Lise Meitner programme**, Faculty of Physics, University of Vienna, Austria

SUPERVISION OF STUDENTS

2016 – **PhD student** (M. Tripathi, primary supervision)
Faculty of Physics, University of Vienna, Austria

2016 – **MSc student** (D. Nosraty Alamdary, co-supervision with Prof. J. Kotakoski)
Faculty of Physics, University of Vienna, Austria

2011 – 2015 **2 PhD students** (K. Mustonen, M. Borghei; co-supervision with Prof. E.I. Kauppinen)
Department of Applied Physics, Aalto University School of Science, Finland

2010 – 2011 **2 MSc students** (J. Mali, J. Parjanne; co-supervision with Prof. E.I. Kauppinen)
Department of Applied Physics, Aalto University School of Science, Finland

FUNDING

2015	FWF Stand-alone project (3 years, 323 000 €)
2013	FWF Lise Meitner fellowship (2 years, 120 000 €)
2013	Finnish Cultural Foundation mobility grant (8000 €)
2013	Walter Ahlström Foundation mobility grant (19200 €)
2011	Department of Applied Physics funding for finalizing PhD thesis (3000 €)
2011	Finnish Foundation for Technology Promotion personal stipend (5000 €)

TEACHING ACTIVITIES

2016 –	Lecturer (spectroscopy) – <i>Spectroscopy and Microscopy</i> , University of Vienna, Austria
2016 –	Exercises (spectroscopy) – <i>Spectroscopy and Microscopy</i> , University of Vienna, Austria
2015	Course assistant – <i>Women in Physics</i> , University of Vienna, Austria
2011 – 2012	Guest lecturer – <i>Nanomaterials</i> , Aalto University, Finland

ORGANISATION OF SCIENTIFIC MEETINGS

2016	Local organizing committee – International conference (<i>NT'16</i> , 400 pax), Austria
2013	Head of local committee – International conference (<i>NT'13</i> , 450 pax), Finland

PHD EVALUATION

2017	Thesis panelist (L.N. Glanzmann, University of the Basque Country, Spain)
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COMMISSIONS OF TRUST

2015 –	Subject editor, Research Ideas and Outcomes OA journal (Pensoft Publishers)
2013	Member, Finnish open access advisory group (FinnOA)

PEER REVIEW

2016	Book proposal reviewer, <i>Doping of carbon nanotubes</i> , Elsevier
2016 –	Reviewer, RSC Advances (Royal Society of Chemistry)
2015 –	Reviewer, Nanotechnology (IOP Publishing)
2014 –	Reviewer, Ultramicroscopy, Carbon (Elsevier)
2014 –	Reviewer, Materials Express (American Scientific), Applied Physics A (Springer)

MAJOR COLLABORATIONS

Vienna	Prof. Jani Kotakoski, Ion implantation, Faculty of Physics, University of Vienna, Austria
	Prof. Jannik C. Meyer, Electron microscopy, Faculty of Physics, University of Vienna, Austria
	Prof. Paola Ayala, Spectroscopy, Faculty of Physics, University of Vienna, Austria
	Prof. Thomas Pichler, Spectroscopy, Faculty of Physics, University of Vienna, Austria
	Prof. Christoph Dellago, Neural networks, Faculty of Physics, University of Vienna, Austria
International	Prof. Hans Hofsäss, Ion implantation, University of Göttingen, Germany
	Prof. Ursel Bangert, Electron microscopy, University of Limerick, Ireland
	Prof. Esko Kauppinen, Carbon nanotubes, Aalto University, Finland
	Prof. Christopher Ewels, Atomistic simulations, Institut des Matériaux Nantes, France
	Dr. Duncan Mowbray, Theoretical spectroscopy, Yachay Tech, Ecuador
	Dr. Quentin Ramasse, Electron microscopy, SuperSTEM Daresbury, UK
Dr. Raul Arenal, Electron microscopy, University of Zaragoza, Spain	
Dr. Annick Loiseau, Electron microscopy, ONERA, France	