

PERSONAL INFORMATION

Family name, First name: Farla, Robert Jacobus Maria
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Researcher unique identifier: orcid.org/0000-0003-1245-2111
Date of birth (dd-mm-yyyy): 15-07-1983
Nationality: Dutch
Marital state: Married to Linghui Wang (Chinese), father of Martin (born 2014)
Languages: Dutch (native), English (fluent), German-French-Italian (proficient)
URL for web site: <http://www.geoverse.eu>

ACADEMIC EDUCATION

2011 PhD thesis: "An exploratory study of dislocation relaxation in polycrystalline olivine" supervised by Prof. Ian Jackson and Dr. John Fitz Gerald, Research School of Earth Sciences, the Australian National University, Australia. *External reviewer nomination for JG Crawford Prize for academic excellence.*
2006 Master thesis: "Significant differences between the high temperature electrical conductivity of "natural" and synthetic olivine rocks, with and without iron, using Impedance Spectroscopy" supervised by Prof. Chris Spiers and Dr. Colin Peach, Department of Earth Sciences, Utrecht University, the Netherlands. *With high distinction.*

PROFESSIONAL RECORD

2014 – Humboldt post-doctoral fellow,
Bayerisches Geoinstitut, Universität Bayreuth, Germany
2013 – 2014 Research Scientist and joint Laboratory Assistant
Bayerisches Geoinstitut, Universität Bayreuth, Germany
2011 – 2013 Post-doctoral research associate
Department of Geology and Geophysics, Yale University, USA

FELLOWSHIPS, AWARDS AND RESEARCH FUNDING

2015 – Proposal approved at the European Synchrotron Radiation Facility (ESRF) incl. financial support
2014 – 2016 Alexander von Humboldt Fellowship, Bayerisches Geoinstitut, Universität Bayreuth, Germany
2012 – 2013 Two proposals approved at the National Synchrotron Light Source (Brookhaven National Laboratory, USA), first as co-investigator, second as primary investigator
2009 Mervyn and Katalin Paterson Award received from the Research School of Earth Sciences, the Australian National University, Australia (7000 AUD)
2007 – 2010 Ringwood Scholarship, Research School of Earth Sciences, the Australian National University, Australia
2007 – 2010 International Endeavour Post-graduate Research Scholarship (Australian government)
2007 – 2010 ANU Travel Grants/Higher Degree Research Student, (1500 AUD)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2011 – 2013 2 PhD students (Jun Yi and Liam Slivka)
Department of Geology and Geophysics, Yale University, USA
2014 1 Master/PhD student (Lin Wang)
Bayerisches Geoinstitut, Universität Bayreuth, Germany

TEACHING ACTIVITIES

2014 Lecturer for annual DMG-Short Course/"Doktorandenkurs": High-Pressure Experimental

- Techniques and Applications to the Earth's Interior, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- 2013 Guest lecturer – “Introduction to Earth and Planetary Physics”, Department of Geology and Geophysics, Yale University, USA
- 2009 Research assistant – “Rock deformation”, Research School of Earth Sciences, the Australian National University, Australia
- 2005 – 2006 Graduate assistant – “Structural geology”, Department of Earth Sciences, Utrecht University, the Netherlands

WORK AND RESEARCH EXPERIENCE

- 2014 Joint Multianvil Experimental Laboratory Assistant: Organisation of Multianvil Experimental Laboratory, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- 2010 – Reviewer for journals such as *Phys Chem Minerals*, *High Pressure Research*, *Phys Earth Planet Int*, *J Geophys Res*, *Geophys Res Letters*. Reviewed 6 international papers to date.
- 2012 Attended a scientific writing course (8 lectures) at Yale University, USA

Further remarks: Robert Farla is well recognized in the international community and is expertly trained in the use of various high-pressure apparatuses, analyzers, and electron microscopes.

ORGANISATION OF SCIENTIFIC MEETINGS

- 2015 Co-convenor of a mantle dynamics session at the GeoBerlin conference, Germany
- 2014 Co-convenor of a mantle dynamics session at the GeoFrankfurt conference, Germany

INVITED ORAL PRESENTATIONS

- 2015 Invited speaker at the Japanese Geoscience Union meeting, Makuhari Messe, Tokyo, Japan
- 2014 Invited speaker at the annual European Geosciences Union meeting, Vienna, Austria
- 2013 Invitation to present at the Bayerisches Geoinstitut, Universität Bayreuth, Germany
- 2013 Invitation to present at Lamont-Doherty Earth Observatory, New York, USA
- 2012 Invited speaker at the annual American Geophysical Union meeting, San Francisco, USA
- 2009 Invitation to University of Minnesota, Minneapolis, USA for 4 weeks lab work as guest researcher
- 2009 Invitation to present at Yale University, Connecticut, USA

MAJOR INTERNATIONAL COLLABORATIONS/ONGOING RESEARCH WITH:

- Mr. Wang, Mr. Blaha, Ms. Pinter, Dr. Kawazoe, Dr. Miyajima, Dr. Michibayashi and Prof Katsura, “*Temperature dependence of [100](010) and [001](010) dislocation mobility in natural olivine*”, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- Dr. Laumonier, Dr. Marquardt, Prof. Katsura, “*Effect of melt fractions on the electrical conductivity in olivine to constrain the amount of melt present below the lithosphere-asthenosphere boundary in the Earth*”, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- Dr. Bollinger, Dr. Marquardt, “*Grain boundaries in olivine: how do they move to produce plastic shear?*”, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- Dr. Rosenthal, Dr. Bollinger, Dr. Petitgirard, Dr. Kawazoe, Prof. Frost, “*In-situ deformation of eclogite at high pressure and temperature*”, Bayerisches Geoinstitut, Universität Bayreuth, Germany
- Dr. Girard, Dr. Amulele, Mr. Mohiuddin, Prof. Karato, “*In-situ deformation experiments of bridgmanite + (Mg,Fe)O aggregates under the lower mantle conditions*”, Department of Geology and Geophysics, Yale University, USA (Manuscript currently under review in Science journal)
- Prof. Jackson, Assoc. Prof. Faul, Dr. Fitz Gerald, Mr. Skelton, “*Dislocation relaxation in polycrystalline olivine*”, Research School of Earth Sciences, the Australian National University, Australia

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2011 – 2015 Member, Research Network “*American Geophysical Union*”