

Daniela Rubatto curriculum vitae

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Citizenship: Italian, Australian, Swiss

Education

- 1994: Master Degree (first-class) in Geological Sciences at Torino University (Italy).
- 1998: Ph.D. degree at the Institute for Isotope Geology and Mineral Resources, ETH-Zurich (Switzerland).

Employment history

- 1998-2002 Postdoctoral Fellow, Research School of Earth Sciences (RSES), Australian National University (ANU), Australia (2 individual Fellowships).
- 2002-2004 Australian Postdoctoral Fellow, Department of Geology, ANU (individual Fellowship).
- 2005-2015 Queen Elisabeth II Fellow, RSES, ANU (2 individual Fellowships).
- 2010-2015 Associate Professor and then Professor, RSES, ANU.
- 2015-present, Professor, Institute of Geological Sciences, University of Bern, Switzerland.

Administrative roles

- 2020-present Co-founder and member of the GEODES (Geoscience Diversity and Equality Switzerland)
- 2012-2015 Associate Director, Higher Degree Research, RSES.
- 2014-2015 Member Promotion Committee, ANU College of Physical and Mathematical Sciences.
- 2011-2012 Marketing contact person for RSES.
- 2010-2013 Founder and member of executive committee of the NECTAR group at ANU for support and mentoring of early career academics.
- 2007-2009 Chair of Faculty, Research School of Earth Sciences.

Scientific community roles (main activities)

- 2019-present. Member of the Research Council, Swiss National Science Foundation
- 2018-present. Member and then Chair of the selection committee for the IMA Medal.
- 2017-present. Member of the selection committee for Swiss NSF Doc and Postdoc-Mobility Program.
- 2017-2019. Member of the selection committee for AGU E.A Flinn III Award.
- 2016-present. Member of the selection committee for the Paul Niggli Medal, Swiss Geol. Soc.
- 2005-present. Country representative at the International Eclogite Conference Coordination Committee (IECCC).
- 2014-2018 Co-chair of the scientific committee of Goldschmidt 2018 (Boston, USA), member of the scientific committee of Goldschmidt 2016 (Yokohama, Japan), the main geochemistry conference.
- 2011 Organizer of the Biennial Conference of the Specialist Group in Geochemistry, Mineralogy and Petrology, Geological Society of Australia
- 2008 Organizer of EURISPET School of Petrology, RSES January 31 - February 9.
- 2005 Organizer of the ISPET School of Petrology, RSES February 6-13.

Editorial responsibilities and reviewing

- 2019-present Associate Editor with handling responsibilities of *Geochronology*.
- 2018-present, Associate Editor with handling responsibilities of *Contribution to Mineralogy and Petrology*.

2008-present, member of Editorial Board, *Chemical Geology*.

2005-present, Associate Editor of *Lithos*.

2006-present Editorial Review Board, *Journal of Metamorphic Geology*.

2013-2015, Associate Editor for a special volume in *American Mineralogist*.

Reviewer for the National Science Foundation in the USA, Australia, Switzerland, France and Austria, as well as for a number of international journals (20-25 reviews a year).

Research supervision

2010-2018 Supervisor of 4 postdoctoral researchers F. Piccoli, F. Bulle, F. Higashino and P. Vonlanthen

2016-present Supervisor of 5 PhD students at University of Bern (M. Ulrich, C. Vesin, A. Vho, T. Bovay and Y. Zhang)

2008-2017 Supervisor of 7 PhD students at ANU (C. Gregory, T. Ewing, A. Stepanov, K. Boston, L. Gauthiez-Putallaz, M. Scicchitano, M. Williams).

2003-present Advisor to circa 25 PhD students from own and international institutions.

2008-present Supervisor or co-supervisor of 9 Honours/Master students.

Teaching activities (current)

2015-present Coordinator and lecturer of a third year course in microscopy.

2015-present Coordinator and co-leader of a second year field course in crystalline geology.

2015-present Coordinator and lecturer of a Master course on trace elements and accessory minerals.

2007-present Coordinator and lecturer of a second year course in geochemistry.

Memberships and Honorary memberships of societies

2019 Elected Fellow of the Geochemical Society.

2107 Elected Fellow of the Mineralogical Society of America.

2017 Elected Honorary Fellow of the Italian Society of Mineralogy and Petrology – SIMP.

Member of Geochemical Society, European Associations of Geochemistry, European Geoscience Union, Mineralogical Society of America, American Geophysical Union, Swiss Geological Society.

Honours and Awards

2021 Elected member of the European Academy of Sciences, EURASC.

2020 Dana Medal from the Mineralogical Society of America.

2019 Robert Wilhelm Bunsen Medal from the European Geosciences Union.

2016-2017 Mineralogical Society of America distinguished lecturer.

2010 Herbetta Foundation award for sabbatical visit to the University of Lausanne.

2010 Top Supervisor Award from the ANU.

2009 Dorothy Hill Award from the Australian Academy of Science.

2005 J G Russel Award from the Australian Academy of Science.

1998 ETH medal for outstanding PhD thesis.

Major competitive funding (recent)

SNSF IZSEZ0_194628 Scientific Exchange: U-Pb petrochronology applied to hot shear zones in NE-Brazil, (2020) CHF 18,000

SNSF 200021_191959 Isotopic and age constraints on multistage fluid incorporation and release in oceanic lithosphere: a microanalytical study, (2020-2024) CI Rubatto, CHF 931,000.

SNSF R'Equip 206021_183323. RF Hyperion-II Oxygen Primary Ion Source for SwissSIMS, (2018), CI Baumgartner, Marin-Carbonne, Rubatto, Bouvier, CHF 298,904.

SNSF R'Equip 206021_170722 A new state-of-the-art Laser Ablation ICP-MS facility with emphasis on

mapping and technique development, (2017-2018) CI Rubatto and Pettke, CHF 263,650
SNSF 200021_166280 Tracing the invisible path of fluids in the crust with microscale oxygen isotope measurements in key metamorphic minerals, (2016-2020) CI Rubatto, CHF 834,000.

Refereed publications

129 refereed articles in international journals and 5 book chapters amounting to more than 14,000 citations (Google Scholar, including book chapters), 37 papers above 100 citations, one above 2,000 citations, *h*-index of 56.

24 first author publications; 46 publications with student that I supervised or closely advised; 5 publications with post-doc that I directly supervised; 31 publications resulting from collaborative projects to which I was a major contributor.

Researcher ID H-1119-2011: <http://www.researcherid.com/rid/H-1119-2011>

Google Scholar: <http://scholar.google.com.au/citations?user=gIjapwAAAAJ>

ORCID: <https://orcid.org/0000-0002-7425-7904>