

Prof. Dr. Roger A. De Souza

Professional

- since 2017 Professor of Physical Chemistry,
Institute of Physical Chemistry, RWTH Aachen University, Germany
- 2014-2016 Associate Editor of the journal *Computational Materials Science*
- since 2011 Project leader in SFB 917 "Nanoswitches"
RWTH Aachen University, Germany
- 2011 Habilitation (professorial degree) in Physical Chemistry,
RWTH Aachen University, Germany
- since 2010 Akademischer Oberrat (Senior Lecturer),
Institute of Physical Chemistry, RWTH Aachen University, Germany
- 2008-2010 Akademischer Rat (Lecturer),
Institute of Physical Chemistry, RWTH Aachen University, Germany
- 2002-2008 Scientific Assistant, Institute of Physical Chemistry,
RWTH Aachen University, Germany (Prof. M. Martin)
- 1999-2002 Senior Scientist, Max-Planck Institute of Solid State Research,
Stuttgart, Germany (Prof. J. Maier)
- 1996-1998 Post-doctoral researcher, Institute of Materials for Electrical Engineering,
Karlsruhe University, Karlsruhe, Germany (Prof. E. Ivers-Tiffée)

Education

- 1992-1996 Ph. D. in Materials Research, Department of Materials,
Imperial College London, UK (Prof. J. A. Kilner)
- 1989-1992 B. Eng. (First Class Honours) in Materials Science and Engineering,
Imperial College London, UK
- 1982-1989 4 'A Levels', 2 'S Levels', 1 'AO Level', 10 'O Levels',
St. Olaves' Grammar School, Orpington, Kent, UK

Prizes and Awards

- 2020 Outstanding Journal Reviewer, *Journal of the American Ceramics Society*
- since 2020 Top 2% of natural scientists worldwide [\[Original list\]](#) [\[Update\]](#)
- 2019 Students' award for excellent teaching, RWTH Aachen University
- 2018 Students' award for excellent teaching, RWTH Aachen University
- 2017 Excellence in Reviewing for the journal *Acta Materialia*
- 2015 RWTH Lecturer Award [for excellence in teaching and research]
- 2013 Excellence in Reviewing for the journal *Solid State Ionics*
- 2004 Edward C. Henry Award [for the best publication (Electronics Division) in the
Journal of the American Ceramics Society (2003)]
- 1997 Matthey Prize for Research [from Imperial College for the Ph. D.]
- 1992 Imperial College Governors' Prize for an Outstanding Final Year Undergraduate
- 1989 Imperial College Scholarship for a First Year Student

Publications, Presentations, Reviews, Supervision

Ca. 150 citable publications (*h*-Index = 43): researcherid.com/rid/F-3902-2011

3 book chapters

50 plenary, keynote or invited talks at conferences (from ca. 120 talks)

23 invited talks at other universities

8 invited lecture series at summer/winter schools for Ph.D. students

Ca. 30 reviews/year for journals (e.g. *Phys. Chem. Chem. Phys.*,
Nature Mater., *Solid State Ionics*, *Angew. Chem.*, *Adv. Funct. Mater.*)

Thesis Supervisor: 13 Ph.D., 26 Master/Diploma, 22 Bachelor

Organisator or Co-Organisator of 2 MRS, 3 E-MRS and 2 ACerS Symposia