

Rodrigo Quian Quiroga

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QUALIFICATIONS

PhD in Signal analysis, <i>University of Luebeck, Germany</i>	1998
MSc in Physics, <i>University of Buenos Aires, Argentina</i>	1993

CURRENT POSITIONS

Professor of Bioengineering. Head of the Bioengineering research group Dept. of Engineering. Univ. of Leicester, UK.	2008-
Visiting researcher. Dept. of Neurosurgery, UCLA, USA.	2004-
Visiting researcher. Inst. of Neurobiology. Univ. of Magdeburg, Germany	2006-

PREVIOUS POSITIONS

Reader in Bioengineering. Dept. of Engineering. Univ. of Leicester, UK.	2006-2008
Lecturer in Bioengineering. Dept. of Engineering. Univ. of Leicester, UK.	2004-2006
Visiting associate. Div. of Biology, Caltech, USA.	2004-2007
Sloan-Swartz Post-doctoral fellow. Theoretical Neurobiology, Caltech, USA	2001-2004
Post-doc researcher. Research Center Juelich, Germany.	1998-2001
Visiting scientist. Brain Science Institute, RIKEN, Japan.	Feb.-March 2001
Visiting scientist. Dept. Psychology. Univ. of Nijmegen, The Netherlands.	March 2000
Graduate Research assistant. Inst. Physiology, Univ. of Luebeck, Germany.	1996-1998
Graduate Research assistant. Dept. of Epilepsy, FLENI, Argentina.	1995-1996
Graduate Research assistant. Dept. of Neurophysiology, FLENI, Argentina.	1993-1995

AWARDS, HONORS AND MEASURES OF ESTEEM

- Member of the Medical Research Council's Biomedical Informatics Training and Career Development Panel.
- Member of the editorial board of 3 international journals.
- Work on neural correlates of conscious perception selected as one of the "Breaking news in Neuroscience" by the federation of European Neuroscience Societies (fENS), 2008.
- Work on invariant representation by single neurons selected as one of the top 100 scientific stories of 2005 by Discover Magazine.
- Achievement award, University of Leicester, 2005.
- Best poster prize at the meeting: "Neural substrates of cognition." Madrid, 2005.
- Young researcher travel award for participation at the 8th International Evoked Potentials Symposium. Fukuoka, Japan, 2004.
- Sloan-Swartz fellow, 2001-2003.

- Young investigator awardee. Award given by the American Epilepsy Society, 2001.
- Young researcher travel award for participation at the 24th International Epilepsy Congress. Buenos Aires, Argentina, 2001.
- Young researcher travel award for participation at the 6th International Evoked Potentials Symposium. Okazaki, Japan, 1998.
- Prize to the scientific-technological production. University of Buenos Aires, 1995.

GRANTS

- £535,983. (PI). MRC. "Neural correlates of visual perception and behaviour". 2008-2011.
- £51,992 (CI). AHRC. "Perception and wellbeing: a cross-disciplinary approach to experiencing art in the museum". 2008-2011.
- £490,000 (CI). "Point of care implemented diagnostics unit." Capital Investment Fund, University of Leicester. 2008.
- £12,000. (PI). Royal Society. "Study of learning processes with single-trial evoked potentials". 2008-2010.
- £125,567. (PI). EPSRC. "Neural coding of visual inputs in the human medial temporal lobe". 2006-2009
- £4,037,770. (CI) EPSRC. "Code analysis, repository, and modeling for e-Neuroscience". 2006-2010.
- £13,839. (PI). EPSRC. "Data Reduction Techniques for Systematic Information Quantification in Large Scale, Multiple Spike Trains". 2007-2008.
- \$110,000. Swartz Foundation. "Coding and decoding of visual perception from multiunit activity and local field potentials" with Christof Koch. 2004-2006.
- \$1,000. Travel award for participation at the 8th Evoked Potentials symposium, Japan 2004.
- \$1,000. Travel award for participation at the 24th Int. epilepsy congress. Argentina, 2001.
- \$1,000. Travel award for participation at the 6th Evoked Potentials symposium, Japan 1998.

SUPERVISION OF STUDENTS

- Post-doctoral researchers:
 - Jonathan Becedas. 2008 -
 - Alberto Capurro. 2008 -
 - Matias Ison. 2006 – 2007
 - Alexander Kraskov (co-supervised with Christof Koch). 2004 – 2006.
- PhD students:
 - Maryam Ahmadi. 2009 -
 - Jennifer Binnie. 2008 -
 - Maryam Ahmadi. 2009 -
 - Zaira Pineda Rico. 2009 -
 - Carlos Pardeira. 2006 -
 - Juan Martinez. 2006 –
 - Andreas Kaltenbruner (visiting student). Jan. 2006 – June 2006.
 - Leila Reddy (co-supervised with Christof Koch) 2001 – 2005.
 - Thomas Kreuz (co-supervised with Peter Grassberger) 1999 – 2003.
 - Alexander Kraskov (co-supervised with Peter Grassberger) 1999 – 2003.

PUBLICATIONS (see www.le.ac.uk/neuroengineering for full list)

- More than 50 journal articles, with over 1200 citations (ISI) and h-factor: 20.