

CURRICULUM VITAE

NAME: JOACHIM BRAND

QUALIFICATIONS: **Prediploma Physics**, Universität Erlangen-Nürnberg, 1992
Dipl. Phys., Universität Heidelberg, 1996
Dr. rer. nat. (*summa cum laude*), Universität Heidelberg, 1999

PRESENT POSITION: Professor of Theoretical Physics, Massey University
Deputy Director of the Centre for Theoretical Chemistry and Physics

PREVIOUS POSITIONS:

Associate Professor, Massey University (2007-2010)
Senior Lecturer, Massey University (2006-2007)
PKS Distinguished Postdoctoral Fellow, Max Planck Institute for the Physics of Complex Systems (2002-2006)
Research Associate, University of Washington (2000-2002)
Research Assistant, Universität Heidelberg and Universität Kaiserslautern (1997-2000)

GRANTS:

Marsden grant (Royal Society of New Zealand, AI) 2013
ISAT-BRAP (academic exchange) grant (Royal Society of New Zealand, \$4,000) 2010
Marsden grant (Royal Society of New Zealand, \$851,000) 2009
International Visitor's Research Fund (Massey University) 2006, 2008, and 2010
Marsden grant (Royal Society of New Zealand, \$670,000) 2007
Postdoctoral Fellowship award (Massey University, \$131,421) 2007
Capital Equipment Fund (Massey University, \$60,000) 2006
Conference grants (Max Planck Society, EUR 50,000 and EUR 15,000) 2004 and 2003
Travel grants from the Minerva Foundation 2005, DFG 2005, AvH 2004

DISTINCTIONS AND HONOURS:

Chair, New Zealand Institute for Advanced Study, 2010.
PKS Distinguished Postdoctoral Fellowship, Max-Planck Institute for the Physics of Complex Systems, 2002.
Feodor Lynen research fellowship, Alexander von Humboldt Foundation (AvH), 2000.
ERASMUS scholarship of the European Union 1991.
Scholarship for International Summer School Jyväskylä (Finland) 1991.

PROFESSIONAL AFFILIATIONS:

New Zealand Institute of Physics
New Zealand Humboldt Association
Alexander von Humboldt Network
Deutsche Physikalische Gesellschaft

ADMINISTRATIVE RESPONSIBILITIES:

Deputy Director, Centre for Theoretical Chemistry and Physics (since 2006)
Associate Director of Research, Institute of Natural Sciences (INS) (2009-2012)
Executive Deputy Head (Albany), Institute of Fundamental Sciences (IFS) (2008)
Subject leader physics (Albany), IFS, (2006 – 2008)
Physics postgraduate advisor (Albany), IFS, (2006 – 2008)

Member: INS Executive Committee (since 2/2009)
IFS Management Committee (2/2008 - 12/2008)
IFS Research and Enterprise Committee (2008)
IFS Research and Equipment Committee (2006 – 2007)

VISITORS HOSTED:

Dr. Andrew Daley (Austrian Academy of Sciences)
Prof. Qiang Gu (University of Science and Technology Beijing)
Prof. Peter Drummond (Swinburn University)
Dr. Alexander Cherny (Joint Institute for Nuclear Research, Dubna)
Dr. Blair Blakie (University of Otago)
Prof. Günther Radons (Chemnitz University of Technology)
Dr. Ashton Bradley (University of Otago)
Prof. Andrey Kolovsky (Siberian Federal University and Academy of Sciences)

OTHER INFORMATION:

- More than 20 invited talks at international conferences, in USA, China, Germany, Italy, Spain, Israel, Spain, Slovakia, Australia, and New Zealand; about 15 contributed conference papers and more than 25 colloquium and seminar talks at universities and research institutions in New Zealand, Australia, Europe, USA, and in South America (Peru).
- Organized three international conferences in Germany and Spain with up to 100 participants from 17 countries. Co-organised conference symposia in China (2008, 2010, 2013) and satellite workshop in Queenstown. Co-organiser of the Victorian Summer School for Ultracold Physics (2011, 2012, 2014)
- Referee for Physical Review Letters, Physical Review A, B, and E, New Journal of Physics, Journal of Physics A, B, and C, Physica B, Few Body Systems, International Journal of Quantum Chemistry, Zeitschrift für Naturforschung
- A total of 43 publications in international peer-reviewed journals including 10 papers in Physics Review Letters; 4 book chapter contributions.
- Strong record of international collaborations including Australian National University (Canberra, Ch Lee), Harvard University (LV Hau), National Tsing Hua University (Hsinchu, Taiwan, SC Gou), Durham University (Department of Mathematics, WJ Zakrzewski), JINR (Dubna, Russia, AYu Cherny), Colorado School of Mines (USA, LD Carr), Universidad de Chile (Santiago, RA Vicencio), Max-Planck Institute for the Physics of Complex Systems (Dresden, Germany, JM Rost).