

Curriculum Vitae

Alessandro Pizzo

Department of Mathematics
UC Davis
One Shields Avenue
95616 Davis, Ca
USA

Tel: +1-530-7548158
Fax: +1-530-7526635
E-mail: pizzo@math.ucdavis.edu
www.math.ucdavis.edu/~pizzo/

PERSONAL

Italian citizen

EMPLOYMENT HISTORY

July 2008	Assistant Professor, Department of Mathematics at UC Davis, USA
August 2005- June 2008	Postdoctoral researcher at the Institute of Theoretical Physics ETH- Zürich (CH)
April 2004- July 2005	Postdoctoral researcher (Marie Curie EU network "Analysis and Quantum") at the Department of Mathematics, University Paris XI , Paris (FR)
October 2002 - March 2004	Postdoctoral researcher at the Institute of Theoretical Physics ETH- Zürich (CH)
November 2001 - August 2002	Postdoctoral researcher at the Department of Mathematics University of Mainz (DE)

RESEARCH INTERESTS

Analysis, Mathematical Physics

EDUCATION

- 2001 Ph.D. in Mathematical Physics, SISSA-Trieste, Italy
- 1997 M.S. Theoretical Physics, "Laurea cum laude",
University of Pisa, Italy

AWARDS AND PRIZES

- 2004 Prize *Annales Henri Poincaré 2003* for the paper: A. Pizzo
"One-Particle (improper) states in Nelson's Massless Model"
- 2009 Invited plenary speaker *International Congress on Mathematical
Physics Prague 2009*

CONFERENCE PRESENTATIONS

- 2007 Invited speaker, Workshop on *"Renormalization in Quantum Field Theory, Statistical
Mechanics, and Condensed Matter"*, ESI-Vienna, Austria
Plenary talk, *"Conference in Mathematical Physics on the Occasion of J.Fröhlich's
61st birthday"*, Zurich, Switzerland
Invited speaker, Conference *"Qmath10"*, Moeciu, Romania, had to decline
Invited speaker, Meeting of the German Mathematical Society, Berlin, Germany
Plenary talk, *"Mathematical methods in Quantum Mechanics"*, Bressanone, Italy
- 2006 Invited speaker, Acceptance speech for Prix AHP, *"International Congress on
Mathematical Physics"*, Rio de Janeiro; had to cancel participation
Invited speaker, *"AIMS Sixth International Conference on Dyn. System, Diff.
Equations and Applications"*, University of Poitiers, Poitiers, France
Invited speaker, *"Complex quantum and classical systems and effective equations"*,
ESI, Vienna, Austria
Invited speaker, *"The Rigorous Renormalization Group"*, Mathematisches
Forschungsinstitut Oberwolfach, Oberwolfach, Germany
- 2005 Invited speaker, Second Joint Meeting of AMS, DMV, OMG, Johannes Gutenberg,
University of Mainz, Mainz, Germany
Invited speaker, Meeting of the European network *"Analysis and Quantum"*, Munich,
Germany
Invited speaker, *"Mathematical methods in Quantum Mechanics"*, Bressanone, Italy
- 2004 Invited speaker, Conference *"Qmath9"*, Giens, France

- 2003 Invited speaker, Meeting of the European network “*Analysis and Quantum*”, ESI-Vienna, Austria
 Invited speaker, “*Spectral Problems For Schrödinger-Type operators*”, ICTP-Trieste, Italy
- 2002 Invited speaker, Meeting of the European network “*Analysis and Quantum*”, Munich, Germany
- 2001 Invited speaker, Conference on “*Relativistic Quantum Systems and Quantum Relativistic Electrodynamics*”, Mathematisches Forschungsinstitut Oberwolfach”, Oberwolfach, Germany

SEMINAR PRESENTATIONS

- 2008 Department of Mathematics, University of Toronto, Toronto, USA
 Department of Mathematics, University of Illinois at Urbana-Champaign, USA
 Department of Mathematics, UC Davis, Davis, USA
- 2007 Department of Mathematics, Courant Institute, New York, USA
 Department of Mathematics, Princeton University, Princeton, USA
 Department of Mathematics, Harvard University, Harvard, USA
 Department of Mathematics, University of Bari, Bari, Italy
 Department of Mathematics, University of Roma “La Sapienza”, Roma, Italy
 Department of Mathematics, University LMU, Munich, Germany
 Department of Physics, University of Zürich, Zürich, Switzerland
 Department of Mathematics, University of Stuttgart, Stuttgart, Germany
- 2006 Department of Mathematics, University of Tübingen, Tübingen, Germany
- 2005 Department of Mathematics, University of Rennes-1, Rennes, France
 Institute of Theoretical Physics, University Paris-Sud, Paris, France
 Department of Mathematics, University of Roma “La Sapienza”, Roma, Italy
- 2004 Department of Mathematics, University of Mainz, Mainz, Germany
 Department of Mathematics, University Paris-Sud, Paris, France
- 2003 Department of Mathematics, University of Bonn, Bonn, Germany
 Department of Mathematics, University of Roma “Tor Vergata”, Roma, Italy
- 2001 Department of Mathematics, University of Mainz, Mainz, Germany
 Institute of Theoretical Physics, ETH-Zürich, Zürich, Switzerland
 Department of Mathematics, University of Roma “La Sapienza”, Roma, Italy

EXTENDED INVITED VISITS

- 2008 IHES, Bures sur Ivette, Paris, France (March-April, scheduled)

- 2007 Erwin Schrödinger Institute, Vienna, 1 week *
- 2006 Erwin Schrödinger Institute, Vienna, 2 weeks *
- 2005 Department of Mathematics, University of Rennes-1, 2 weeks (had to decline)
- 2001 Institute of Theoretical Physics, ETH-Zürich, 1 week
- 2001 Department of Mathematics, University of Mainz, 1 month

Travel and stay financed by host institutions, except for * (travel excluded)

MENTORING

Doctoral (co-advising jointly with Jürg Fröhlich, ETH-Zürich):
Antti Knowles, 2005-2006

Doctoral (co-advising jointly with Jürg Fröhlich, ETH-Zürich):
Daniel Egli, 2006-2007

Masters (co-advising jointly with Jürg Fröhlich, ETH-Zürich):
Kevin Schnell, 2006

Masters (co-advising jointly with Gian Michele Graf, ETH-Zürich):
Thomas Eggel, 2007

Student working seminars (ETH-Zürich):
Coordinator of a working seminar (“Scaling limits in QM”)
Tutoring of a proseminar program (“General Relativity”)

PROFESSIONAL SERVICES

Refereeing for Ann. H. Poinc., Comm. Math. Phys., J. Math. Phys.