
CONTACT INFORMATION	Mathematics Institute Utrecht University P.O.BOX 80.010 3508 TA,Utrecht The Netherlands	(+31)302531186 abad@math.uu.nl
PERSONAL INFORMATION	Born in Medellin, Colombia, on April 22, 1980. Colombian citizen. Passport number: 98671983. CC: 98671983, Envigado.	
RESEARCH INTERESTS	Geometry, Topology, Equivariant Cohomology, Classifying Spaces for Groupoids, Structures up to Homotopy, Poisson Geometry.	
EDUCATION	November 2004-October 2008 (expected) Ph.D. Candidate Mathematics Institute, Utrecht University Dissertation Topic: Cohomology of classifying spaces, equivariant cohomology, representations up to homotopy. Advisor: Dr. Marius Crainic Promotor: Prof. Ieke Moerdijk August 2003-June 2004 Mastersclass in Noncommutative Geometry Mathematics Institute, Utrecht University August 1998-July 2003 B.A. in Mathematics Universidad Nacional de Colombia, Medellin	
RESEARCH STAYS	September-December 2007 Visiting Graduate Student, University of California at Berkeley Under the supervision of Prof. Alan Weinstein.	
PREPRINTS AND WORK IN PROGRESS	<i>Classifying spaces and representations up to homotopy</i> , to appear in Oberwolfach Reports. <i>Representations up to homotopy of Lie algebroids</i> (with M. Crainic), preprint. <i>The Weil algebra and Van Est isomorphisms</i> (with M. Crainic), preprint. <i>Representations up to homotopy and cohomology of classifying spaces</i> , in preparation. <i>Trees and tensor products of representations</i> (with M. Crainic and B. Dherin), in preparation.	

RESEARCH
TALKS

April 30, 2007, Poisson Geometry and Applications, Oberwolfach.
Title: *Classifying spaces and representations up to homotopy.*

May 23, 2007, Topology in the Swiss Alps, Le Chatelard, Switzerland.
Title: *Cohomology of classifying spaces.*

November 9, 2007, Groupoid Seminar, UC Berkeley.
Title: *Classifying spaces and representations.*

December 4, 2007, Mathematical Physics Seminar, Penn State University.
Title: *Algebras of trees and tensor products of representations.*

TEACHING
EXPERIENCE

Spring	2008	Topology and geometry, Utrecht.
Spring	2008	Rings and Galois theory, Utrecht.
Spring	2007	Topology and geometry, Utrecht.
Fall	2006	Linear algebra, Utrecht.
Fall	2006	Infinitesimal rekenning (Calculus), Utrecht.
Spring	2006	Topology and geometry, Utrecht.
Spring	2006	Hilbert spaces for physics, Utrecht.
Fall	2005	SCC11 (Basic mathematics), University College Utrecht.

FELLOWSHIPS
AND HONORS

2007	Scholarship from Utrecht University to spend the Fall semester at UC Berkeley.
2003-2004	MRI Fellowship, Master Class on Noncommutative Geometry.
2002	International Mathematical Competition for University Students, Warsaw, Poland, Second Prize.
2001	International Mathematical Competition for University Students, Prague, Czech Republic, Honorable mention.
2001	Iberoamerican Mathematical Olympiad, Bronze Medal.
1998-2003	<i>Matricula de Honor</i> , Universidad Nacional de Colombia.
1998	Scholarship <i>Andres Bello</i> , to study Mathematics at the Universidad Nacional de Colombia.

MEMBERSHIP IN
RESEARCH
PROJECTS

October 2006-Present
Geometry and Quantum theory, mathematical research cluster. Supported by the Dutch Research Council NWO and the Universities of Amsterdam, Utrecht and Nijmegen.

WORKSHOPS AND
CONFERENCES
ATTENDED

- August 20-25, 2007, Geometric aspects of analysis and mechanics: A conference in honor of Hans Duistermaat, Utrecht, The Netherlands.
- January 15-20, 2007, Higher structures in geometry and physics, IHP, Paris, France.
- August 16-19, 2006, VII Workshop on symplectic and contact topology, Madrid, Spain.
- June 5-9, 2006, Poisson 2006, Poisson geometry in mathematics and physics, Tokyo, Japan.

- May 31-June 2, 2006, School on Poisson geometry and related topics, Keio University, Tokyo, Japan.
- July 20-25, 2005, GAP Seminaire itinerant geometrie et physique III, Perugia, Italy.
- July 4-20, 2005, Summer school and conference in Poisson geometry, ICTP, Trieste, Italy.
- July 4-19, 2003, Summer school and conference in real algebraic geometry and applications, ICTP, Trieste, Italy.

OTHER RELEVANT SKILLS Languages: Spanish (native), English (fluent), Dutch (rudimentary).

REFERENCES **Dr. Marius Crainic**, Mathematics Institute, Utrecht University.
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Prof. Ieke Moerdijk, Mathematics Institute, Utrecht University.
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Prof. Alan Weinstein, Department of Mathematics, University of California, Berkeley.
 alanw@math.berkeley.edu
Prof. Rui Loja Fernandes, Department of Mathematics, IST Lisbon.
 rfern@math.ist.utl.pt

TEACHING REFERENCES **Dr. Thijs Ruijgrok**, Mathematics Institute, Utrecht University.
 ruijgrok@math.uu.nl