

Curriculum Vitae

Personal Information

Full Name: Boris Asdrubal Percino Figueroa.

Citizenship: Mexican

Contact Information:

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Education

- Lic. in Mathematics
Benemérita Universidad Autónoma de Puebla, December 2005.
Thesis Title: “ Spaces of integer continuous fuctions, defined on spaces of Ordinal Numbers”
Advisor: Prof. Agustín Contreras Carreto.
- M.S. in Mathematics
Universidad Nacional Autónoma de México, February 2009.
Degree by general exams.
- Ph.D. in Mathematics
Universidad Nacional Autónoma de México, April 2016.
Thesis Title: “ On the Hamilton-Jacobi equation for the N-body problem ”
Advisors: Prof. Héctor Fidencio Sánchez Morgado and Prof. Ezequiel Maderna.
Degree Committee: Prof. Joaquín Delgado Hernandez, Prof. Gil Bor, Prof. Renato Iturriaga Acevedo, Prof. Héctor Fidencio Sánchez Morgado and Prof. Ezequiel Maderna.

Academic Positions

August-December 2004:

Instructor of Mathematics,
Instituto Universitario Puebla High
School

August- December 2009

Assistant Professor,
Universidad Nacional Autonoma de
México

February-May 2014

Associate Professor,
Universidad del Valle de México

August 2015 to August 2016

Associate Professor,
Universidad Politécnica de Puebla

Research Interests:

Langrangian and Hamiltonian dynamics, Weak KAM Theory, N-body problem, Celestial Mechanics.

Publications

B. Percino, H. Sánchez-Morgado, *Busemann Functions for the N-body Problem*, Arch. Rational Mech. Anal. 213 (2014) 981–991.

Grants

January 2004- December 2004, grant Project IN109203, Topología de Conjuntos FC UNAM FCFM BUAP.

February 2006 - January 2008 CONACYT, grant: 225870.

August 2010-January 2014 CONACYT, grant: 303109.

September 2011- December 2011 CONACYT grant to do a scientific visit; Math. Department, Instituto Superior Técnico Lisboa, Portugal.

Conferences, Workshops and Schools

As a speaker:

August 2005, VI Jornadas Veraniegas de Topología, Benémerita Universidad Autónoma de Puebla, Puebla, México

September 2014, Primer Congreso Internacional de Matemáticas y sus Aplicaciones, FCFM-BUAP, Puebla, Puebla.

March 2015, CIMPA Research School-Hamiltonian and Lagrangian dynamics, El Salto, Uruguay.

September 2015. Segundo Congreso Internacional de Matemáticas y sus Aplicaciones, FCFM-BUAP, Puebla, Puebla.

As a participant:

July 2002, Primera Escuela de Verano en Teoría de Continuos, FCFM-BUAP, Puebla.

July 2003, CONTINUUM THEORY II INTERNACIONAL MEETING, realizado en la FCFM-BUAP, Puebla.

August 2003, IX Escuela de Verano en Geometría y Sistemas Dinámicos, CIMAT, Guanajuato.

August 2003, V Jornadas Veraniegas de Topología, FCFM-BUAP, Puebla.

July de 2004, X Escuela de Verano en Geometría y Sistemas Dinámicos, CIMAT, Guanajuato.

July 2005, VI Iberoamerican Conference on Topology and its Applications, Puebla, México.

May 2008, Workshop in Global Riemannian Geometry, Instituto de Matemáticas, Cuernavaca, UNAM.

January 2010, “Colloque Geometrie et Dynamique” (en l'honneur de Marc Chaperon), Institut Henri Poincaré, París, Francia.

October 2010, Workshop on Variational Methods in Nonlinear Differential Equations, Oaxaca, México.

August-September 2011, Workshop in Algebraic Methods in Geometry: Commutative and Homological Algebra in Foliations and Singularities, CIMAT, Guanajuato, Gto.

August 2014, 3rd International Eurasian Conference on Mathematical Sciences and Applications, Viena, Austria.

January 2016 KukulKAM: School in Conservative Dynamics, Merida, Yucatan, México.

Scientific Visits

September-December 2011, scientific visit Math Department, Instituto Superior Técnico; Lisboa, Portugal.

Languages:

Spanish (native), English (fluent), Portuguese (basic).