

# Curriculum vitae

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**Place of Birth:** Merida-Venezuela.  
**Date of Birth:** February 8, 1981.  
**Nationality:** Venezuelan.  
**Marital Status:** Single.

## University Education

- August 2004. **Thesis:** *M-theory compactification on  $G_2$ -manifolds*.  
Under the supervision of Bobby S. Acharya (ICTP, Trieste–Italy).
- From 2003 to 2004, **Diploma in High Energy Physics** at Abdus Salam International Centre for Theoretical Physics, Trieste - Italy.
- May 2003. **Thesis** (in Spanish): *Localización de 4-gravedad sobre 3-branas gruesas* (Localization of 4-gravity on thick 3-branes).  
Under the supervision of Prof. Dr. Nelson Pantoja (Universidad de Los Andes, Mérida - Venezuela) and Prof. Dr. Alejandra Melfo (Universidad de Los Andes, Mérida - Venezuela and ICTP, Trieste - Italy).  
Final mark: 20/20.
- From 1997 to 2003, **Bachelor Degree in Physics** at Universidad de Los Andes, Mérida - Venezuela, Facultad de Ciencias. Specialization in Theoretical Physics.  
With honours (Cumlaude).

## Present Position

- PhD. Student on High Energy Physics at Universidad de Concepcion in Concepcion, Chile.
- Student Research at CECS in Valdivia-Chile. Under supervision of Jorge Zanelli.

## Languages

- Fluent in English and Spanish.
- Can speak some Italian.

## Conferences

- **Conference on High Energy Physics**  
Universidad Simon Bolivar, Caracas–Venezuela, December 2004.  
Participant
- **Fields and Strings**  
FORTH, Heraklion–Greece, June 2004.  
Participant
- **Introductory School on Recent Developments in Supersymmetric Gauge Theories**  
International Center for Theoretical Physics, Trieste–Italy, June 2004.  
Participant.
- **Superstring Theory and Related Topics**  
International Center for Theoretical Physics, Trieste–Italy, March 2004.  
Participant.
- **VIII Escuela “la Hechicera”**  
Universidad de Los Andes, Mérida - Venezuela, November 2002.  
Participant.
- **VIII Escuela “la Hechicera”**  
Universidad de Los Andes, Mérida - Venezuela, November 2002.  
Poster session.
- **VII Escuela “la Hechicera”**  
Universidad de Los Andes, Mérida - Venezuela, November 2001.  
Participant.

## Talks

- **Compactificación de teoría M sobre variedades  $G_2$**  (M-theory compactification on  $G_2$  manifolds). Universidad de Los Andes, September, 2004.
- **Localización de 4-gravedad sobre 3-branas** (Localization of 4-gravity on 3-branes). Universidad de Carabobo, Valencia - Venezuela, October, 2003.

## Teaching Experience

- **Tutor of Quantum Mechanics.**  
Universidad de Los Andes, Mérida - Venezuela.  
Since February 2003 to July 2003.  
Prof. Dr. Nelson Pantoja.
- **Tutor of Partial Differential Equations.**  
Universidad de Los Andes, Mérida - Venezuela.  
Since February 2002 to February 2003.  
Prof. Dr. Miguel Ibañez.
- **Tutor of Partial Differential Equations.**  
Universidad de Los Andes, Mérida - Venezuela.  
Since September 2001 to February 2002.  
Prof. Dr. Alejandra Melfo.

## Papers

1. With A. Melfo, N. Pantoja and A. Ramírez  
**Localizing Gravity on Exotic Thick 3-branes**  
Phys. Rev. D70: 104029. e-print:[hep-th/0404083](https://arxiv.org/abs/hep-th/0404083).