

Charalampos Bogdanos

* Education

- * Ph.D., Theoretical Physics, University of Ioannina (2008) (Advisor: K. Tamvakis)
- * M.A., Physics, Columbia University (2005)
- * B.A., Physics (2003), Computer Science (2009), University of Ioannina

* Research Topics

- * Braneworld gravity
- * Braneworld cosmology
- * Extra dimensions in particle physics

* Currently Working On:

- * Constraints from precision electroweak tests on brane models (in collaboration with E. Accomando, I. Antoniadis)

* Future Plans

- * Particle physics phenomenology of extra dimensional theories
- * Bulk fields and connections with Dark energy / Inflation

* Publications

1. «*Pseudo-3-Branes in a Curved 6D Bulk*», C. Bogdanos, A. Kehagias, K. Tamvakis, Sep 2007, Phys. Lett. **B** 656 : 112-118
2. «*Synergistic Gravity and the Role of Resonances in GRS-Inspired Braneworlds*», C. Bogdanos, A. Dimitriadis, K. Tamvakis, Jun 2007, Class. Quant. Grav. 25 : 045008
3. «*Cosmic Acceleration Data and Bulk-Brane Energy Exchange*», C. Bogdanos, S. Nesseris, L. Perivolaropoulos, K. Tamvakis, May 2007, Phys. Rev. **D** 76 : 083514
4. «*Brane Cosmology with a Non-Minimally Coupled Bulk-Scalar Field*», C. Bogdanos, A. Dimitriadis, K. Tamvakis, Nov 2006, Class. Quant. Grav. 24 : 3701-3712
5. «*Dark energy from bulk matter*», C. Bogdanos, A. Dimitriadis, K. Tamvakis, Nov 2006, Phys. Rev. **D** 75 :087303
6. «*Brane Cosmological Evolution With Bulk Matter*», C. Bogdanos, K. Tamvakis, Sep 2006, Phys. Lett. **B** 646 : 39-46
7. «*Brane Models with a Ricci-Coupled Scalar Field*», C. Bogdanos, A. Dimitriadis, K. Tamvakis, April 2006, Phys. Rev. **D** 74 : 045003