

CV-Ido Ben-Dayan

October 2006 - present: Ph. D. studies at Ben-Gurion University of the Negev, Israel.
Supervisor: Prof. Ramy Brustein. Topic: Superstring Cosmology

March 2005 - March 2006: Ph. D. studies at the Weizmann Institute of Science, Rehovot, Israel. Supervisor: Prof. Itamar Procaccia. Topic: Roughening of crack faces in amorphous solids, crack propagation.

October 2002 - February 2005: M. Sc. in physics, Weizmann Institute of Science, Rehovot, Israel. Supervisor: Prof. Yosef Nir. M. Sc. thesis: Leptogenesis from bilinear R-parity violating couplings.

October 1999 - October 2002: B. Sc., major in physics, minor in math, Tel-Aviv University, Israel.

December 1998 - June 1999: South America.

August 1995 - August 1998: Military service, commander in the IDF.

June 1995: High school graduate, Harishonim high school, Herzelia, Israel.

Languages:

Hebrew, English, Spanish.

Awards and Scholarships:

Scholarship for IDF combat soldiers with excellent grades, January 2000.

Teaching:

Electrodynamics 2 - 2006-2008, teaching assistant.

Electrodynamics 1 - 2006-2008, teaching assistant.

Physics 3 for electronics engineers - 2006-2008, teaching assistant.

Physics 2 for mechanical engineers - 2007-2008, teaching assistant.

Conferences, Schools etc.:

Organizer of high energy physics seminars at Ben-Gurion University, October 2007 - present.

Organizer of MSSM seminars at the Hebrew University, November 2007 - present.

Perimeter Institute Physics Summer School on "Particle Physics, Cosmology and Strings", August, 2007.

Measurement of the electric neutron form-factor collaboration, July-August 2002.

Publications:

Models of Modular Inflation and Their Phenomenological Consequences. Ido Ben-Dayan, Ramy Brustein, Senarath P. de-Alwis. e-print: 0802.3160

Submitted to JCAP.

Random and Correlated Roughening in Slow Fracture by Damage Nucleation. Ido Ben-Dayan, Eran Bouchbinder, Itamar Procaccia. Phys. Rev. E 74, 046102 (2006). e-Print: cond-mat/0603621

Leptogenesis from bilinear R-parity violating couplings. Ido Ben-Dayan, Weizmann Inst. e-Print: hep-ph/0503232

Measurement of the electric form-factor of the neutron at $Q^2 = 0.5\text{GeV}^2/c^2$ and $1.0\text{GeV}^2/c^2$ By Jefferson Lab E-93-026 Collaboration (G. Warren et al.). JLAB-PHY-03-215, Aug 2003. 4pp.

Oral Presentations:

String Inflation, April 2008, Hebrew University.

Introduction to Topological Defects in Cosmology, October 2007, Ben-Gurion University.

O'kklt , March 2007, Ben-Gurion University.