

Nemanja Kaloper
Professor of Physics

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APPOINTMENTS

7/1/2006 - present Professor, Department of Physics, University of California, Davis.
7/1/2004 - 30/6/2006 Associate Professor, Department of Physics, University of California, Davis.
7/1/2002 - 30/6/2004 Assistant Professor, Department of Physics, University of California, Davis.
9/1997 - 8/2002 Research Associate, Department of Physics, Stanford University.
10/1994 - 10/1996 Postdoctoral Fellow, Department of Physics, McGill University.
9/1992 - 9/1994 Postdoctoral Fellow, Department of Physics, University of Alberta.

EDUCATION

9/1987 - 8/1992 **Ph.D.**, Theoretical Physics, University of Minnesota, Minneapolis, USA.
9/1983 - 8/1987 **B.Sc. with Honors**, Mathematical Physics, University of Novi Sad, Yugoslavia.

HONORS

05/2007 Second Award, Gravity Research Foundation Essay Competition.
11/2006 Elected **Non-resident member**, SANU, Belgrade, Serbia.
09/2006 **RESCEU Visiting Professor**, University of Tokyo, Tokyo, Japan.
02/2006 **CNRS Directeur de Recherche**, Universite Paris-Sud XI, Orsay, France.
03/2005 **Marko Jarić Award**, Belgrade University, Serbia & Montenegro.
11/2002 **Research Innovation Award**, Research Corporation, Tucson, AZ.
4/1994 **NSERC Postdoctoral Fellowship**, McGill University.
9/1991 - 8/1992 **Doctoral Dissertation Fellowship**, University of Minnesota.
5/1991 **Anesuur Rahman Award**, University of Minnesota.
9/1983 - 8/1987 **University Senior Fellowship: National Physics Competition Awards**, University of Novi Sad and Belgrade University.

FUNDING

11/2003 Co-PI, **DoE Grant DE-FG03-91ER40674**, 01/2004-12/2006; 01/2007-12/2009.
7/2003 PI, **NSF Grant PHY-0332258**, 07/2003-06/2006.
11/2002 PI, **RIA**, Research Corporation, Tucson, AZ.

**EXTRAMURAL
SERVICE**

member of the Editorial Board of **JCAP**.
NSF Panel Review.
U.S. DOE Annual Program Review of Fermilab, May 24 - 26, 2005.
Coorganizer of **COSMO 2006**.
Coorganizer of the **Cosmic Acceleration**, Aspen, Summer 2004.
Coorganizer of the **Mathematics and Physics, Helping One Another**, UC Davis Conference on Mathematical Physics, May 2004.
Co-convenor of the **Astrophysical and Cosmological Connections** Session, **SUSY 2003** Conference, Tucson 2003.
Coorganizer of the **Davis Meeting on Cosmic Inflation**.
Referee for Phys. Rev. Lett., Phys. Rev. **D**, JHEP, Nucl. Phys. **B**, Phys. Lett. **B**, Int. J. Mod. Phys., Class. Quant. Grav.
Referee for NSF, DOE, and Israeli Science Foundation.
Lecturer, "DARS 2006" at University of Aarhus, Denmark, 10/23 - 10/27, 2006.
Lecturer, "TASI 2004" at University of Colorado, 6/6 - 7/2, 2004.
Lecturer, "COSMOLOGY 2000" at IST, Lisbon, Portugal, 7/12 - 7/15, 2000.

**UNIVERSITY
SERVICE**

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**SHORT TERM
APPOINTMENTS**

member, IHES, Paris, France, 06/2005-07/2005.
member, KITP, UC Santa Barbara, 03/2001 - 04/2001, 11/2002 and 10/2004.
Physics Department, University of Waterloo, Canada, 12/1996 - 8/1997.
Visiting Scientist, Theory Division, CERN, 10/1986 - 11/1996 and 6/1998.

TEACHING

Physics 204A: Methods of Mathematical Physics, F2007; F2008.
Graduate level core course for physics majors.

Physics 204B: Methods of Mathematical Physics, W2008; W2009.
Graduate level core course for physics majors.

Physics 200B: Theory of Electromagnetics, W2008.
Graduate level core course for physics majors.

Physics 105A: Analytical Mechanics, F2005; F2006.
Undergraduate level core course for physics majors.

Physics 105B: Analytical Mechanics, W2006; W2007.
Undergraduate level core course for physics majors.

Physics 155: Introduction to General Relativity, W2007; W2009.
Undergraduate level course for physics majors.

Physics 104A: Introduction to Mathematical Physics, F2004.
Undergraduate level core course for physics majors.

Physics 250: Model Building in Cosmology, S2004, S2006.
Graduate level core course in Theoretical Cosmology.

Physics 245A: High Energy Physics, W2003, W2004, W2005.
Graduate level core course in Particle Phenomenology.

Physics 10: Introduction to Cosmology, S2003.
Introductory Cosmology course for non-major freshmen.

SUPERVISING

Postdocs:

Lorenzo Sorbo → Assistant Professor, Univ of Massachusetts, Amherst.

Martin Sloth → Research Assistant Professor, Aarhus Univ, Denmark.

Alberto Iglesias

Minjoon Park

Grad Students:

Derrick Kiley