

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

2012	Elected APS Fellow .
2012	Leverhulme Visiting Professor , University of Nottingham, 2013.
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** and **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;
01/2010-12/2012; 01/2013-12/2016.
- 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**.
- member of the Editorial Board of **Int. J. Th. Phys. D**.
- NSF EPP Theory Reviews, 2007, 2008, 2009 and 2012.
- U.S. DOE Annual Program Review of Fermilab**, May 24 - 26, 2005.
- U.S. DOE Early Career Grant Review Panel**, 2010.
- U.S. DOE Lab Theory Groups Review**, July, 2011.
- Organizer, "Bubbles in the Sky" 2-day miniworkshop, UC Davis, April 2011.
- Coorganizer, "The Particle Cosmology Frontier" 2-day miniworkshop, UC Davis, May 2009.
- 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.

External Ph.D. Examiner, *viva* at Cambridge University, UK, 2005, and Ph.D. Exam at the University of Arizona, 2008.

UNIVERSITY SERVICE

University Graduate Council Courses Committee, 2005-2007.

Ad-hoc promotions committees.

Coorganized L. Susskind public lecture.

Physics Department Library Representative.

DEPARTMENT SERVICE

various departmental committees.

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, 10/1996 - 11/1996 and 6/1998.

TEACHING

Physics 10: Introduction to Cosmology, S2003.

Introductory Cosmology course for non-major freshmen.

Physics 104A: Introduction to Mathematical Physics, F2004, F2011.

Undergraduate level core course for physics majors.

Physics 104C: Intermediate Mathematical Physics, S2012.

Undergraduate 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; W2103.

Undergraduate level core course for physics majors.

Physics 110C: Electricity and Magnetism, F2102.

Undergraduate level core course for physics majors.

Physics 155: Introduction to General Relativity, W2007, W2009, S2011.

Undergraduate level course for physics majors.

Physics 200B: Theory of Electromagnetism, W2008.

Graduate level core course in Electromagnetism.

Physics 204A: Methods of Mathematical Physics, F2007, F2008, F2009.

Graduate level core course in Mathematical Physics.

Physics 204B: Methods of Mathematical Physics, W2008, W2009, W2010.

Graduate level core course in Mathematical Physics.

Physics 245A: High Energy Physics, W2003, W2004, W2005.

Graduate level core course in Particle Phenomenology.

Physics 250: Model Building in Cosmology, S2004, S2006, W2011.

Graduate level core course in Theoretical Cosmology.