

Jeremy Sakstein

Curriculum Vitae

PROFESSIONAL EXPERIENCE

University of Pennsylvania <i>Postdoctoral Fellow</i>	<i>2016–present</i>
University of Portsmouth Institute of Cosmology and Gravitation <i>Senior Research Fellow</i>	<i>2014–2016</i>
Perimeter Institute for Theoretical Physics <i>Visiting Fellow</i>	<i>2013–2014</i>

EDUCATION

University of Cambridge Department of Applied Mathematics and Theoretical Physics <i>Ph. D. Theoretical Physics</i> Advisor: Anne-Christine Davis	<i>2010–2014</i>
University of Cambridge Department of Applied Mathematics and Theoretical Physics <i>Part III of the Mathematical Tripos</i>	<i>2009–2010</i>
University of Oxford <i>Master of Physics, First Class Honors</i>	<i>2005–2009</i>

SELECTED TALKS

An asterisk denotes an invited talk and workshop/conference names are given in italics.

*University of Chicago: KICP Seminar	2018
*Johns Hopkins University: <i>Parameterized Tests of General Relativity</i>	2018
*Brookhaven National Laboratory: <i>Dark Interactions</i>	2018
Case Western Reserve University: <i>PASCOS 2018</i> , Parallel Session	2018
Case Western Reserve University: Theory Seminar	2018
*Jet Propulsion Laboratory: <i>Dark Detection of Dark Energy</i>	2018
University of California, Irvine: Astrophysics Seminar	2018
*Stanford University: KICP seminar	2018
*Princeton University: Cosmology Seminar	2017
*Lorentz Center: <i>Dark Energy in the Laboratory</i>	2017
*CERN: <i>Probing the Dark Sector and General Relativity at all Scales</i>	2017
Université Paris Diderot: <i>COSMO 2017</i> , Parallel Session	2017
Instituto de Física Teórica: <i>PASCOS 2017</i> , Parallel Session	2017
*Columbia-NYU-Penn Meeting: University of Pennsylvania	2017
*University of Mississippi: Physics Colloquium	2016
California Institute of technology: <i>Unifying Tests of General Relativity</i>	2016
University of Cambridge: Cosmology Seminar	2016

*Perimeter Institute: Cosmology Seminar	2016
*Max Planck Institute for Astrophysics: Cosmology Seminar	2015
*University of Heidelberg: Cosmology Seminar	2015
*University of Oslo: Astrophysics Seminar	2015
*University of Helsinki: Cosmology Seminar	2014
*University of Durham: Cosmology Seminar	2014
*Nordic Institute for Theoretical Physics: <i>Dark Energy Interactions</i>	2014
*Lorentz Center: <i>Non-Linear Structure in the Modified Universe</i>	2014
*University of Oxford: Cosmology Seminar	2013
Perimeter Institute for Theoretical Physics: Cosmology Seminar	2013
Columbia University: Cosmology Seminar	2013
Buffalo University: Cosmology Seminar	2013
Case Western Reserve University: Cosmology Seminar	2013
*University of Pennsylvania: <i>Novel Probes of Gravity and Dark Energy</i>	2013
*University of Nottingham: Particle Cosmology Seminar	2012
*University of Cambridge: <i>COSMO 2012</i> , parallel session	2012
*University of Cambridge: <i>PASCOS 2011</i> , parallel session	2011

WORKSHOPS AND CONFERENCES ATTENDED

Parameterized Tests of General Relativity: Johns Hopkins University	2018
Dark Interactions 2018: Brookhaven National Laboratory	2018
PASCOS 2018: Case Western Reserve University	2018
Direct Detection of Dark Energy: Jet Propulsion Laboratory	2018
Dark Energy in the Laboratory: Lorentz Center	2017
COSMO 2017: Université Paris Diderot	2017
Probing the Dark Sector and General Relativity at all Scales: CERN	2017
PASCOS 2017: Instituto de Física Teórica	2017
University of Pennsylvania: Columbia-NYU-Penn Meeting	2017
Unifying Tests of General Relativity: California Institute of technology	2016
Theoretical Cosmology in the Era of Large Surveys: Galileo Galilei Institute for Theoretical Physics	2016
Beyond Λ CDM: University of Oslo	2015
Dark Energy Interactions: Nordic Institute for Theoretical Physics	2014
Non-linear Structure in the Modified Universe: Lorentz Center	2014
Texas Symposium on Relativistic Astrophysics: University of Texas Dallas	2013
Tales of Lambda: Nottingham University	2013
Novel Probes of Dark Energy and Modified Gravity: University of Pennsylvania	2013
COSMO 2012: University of Cambridge	2012
PASCOS 2011: University of Cambridge	2011

TEACHING EXPERIENCE

A teaching assistant in the UK is responsible for grading students work and teaching them the material in either two-on-one tutorials (part II) or classes (part III).

Part II Cosmology Teaching Assistant, University of Cambridge	2011, 2012, 2013
Part II Principles of Quantum Mechanics Teaching Assistant, University of Cambridge	2011, 2012, 2013
Part II Statistical Physics Teaching Assistant, University of Cambridge	2011, 2012, 2013
Part III Quantum Field Theory Teaching Assistant, University of Cambridge	2011, 2012, 2013
Part III Supersymmetry Teaching Assistant, University of Cambridge	2012, 2013
General Relativity Lecturer and Teaching Assistant, University of Portsmouth	2015
Solar System Gravity Lecturer, University of Portsmouth	2015

ACADEMIC SERVICE

Referee: Annals Phys., ApJ, Astroparticle Physics, Class. Quant. Grav, Eur. Phys. J. C, EPL, Int. J. Mod. Phys. D, JHEP, JCAP, MNRAS, Phys. Dark Univ., Phys. Lett. B, Phys. Rev. D, Phys. Rev. Lett.	2013-present
Organizer: University of Pennsylvania High Energy Physics Seminars	2018-present
Coordinator: Novel Probes of Cosmology, an interdisciplinary review to be published in Rev. Mod. Phys.	2017-present
Organizer: University of Portsmouth Gravity Group Meetings	2014-2016
Organizer: Perimeter Institute for Theoretical Physics Cosmology Journal Club	2013-2014
Organizer: University of Cambridge Cosmology Journal Club	2011-2013

REFERENCES

Professor Anne-Christine Davis

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