

Alexander A. Kaurov

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POSITIONS

The Institute for Advanced Studies at Princeton

Member (3-year Postdoctoral position) 2016 – 2019

The University of Chicago

Graduate Research Assistant 2012 – 2016

Graduate Teaching Assistant 2011 – 2012

EDUCATION

The University of Chicago

Ph.D. in Astronomy and Astrophysics 2012 – 2016

M.S. in Astronomy and Astrophysics 2011 – 2012

The St. Petersburg State Polytechnic University

B.S. in Nuclear Astrophysics 2007 – 2011

AWARDS

Fermilab Fellowship in Theoretical Physics 2012 – 2013

Fermilab, Batavia, IL, USA

Russian Academy of Science fellowship for young scientists 2009 – 2011

Central Astronomical Observatory of the Russian Academy of Sciences at Pulkovo

Ioffe Institute Fellowship 2009 – 2010

St. Petersburg State Polytechnic University

PROFESSIONAL SERVICE

Referee for the Monthly Notices of the Royal Astronomical Society (MNRAS) 2015 – present

CONFERENCE PROCEEDINGS

Analytical and numerical models of cosmic reionization (poster) 18 – 22 May 2015

The Olympian Symposium 2015, Mount Olympus, Greece

Analytical and numerical models of cosmic reionization (talk) 13 – 15 Aug 2014

Lyman Continuum Leakage and Cosmic Reionization, Stockholm, Sweden

Local clumping factor during the epoch of cosmic reionization (poster) 23 – 28 Jun 2014

IAU Symposium 308, The Zeldovich Universe, Tallinn, Estonia

Local clumping factor during the epoch of cosmic reionization (poster) 16 – 20 Jun 2014

Cosmology and Relativistic Astrophysics (Zeldovich – 100), Moscow, Russia

Effect of halo bias and Lyman Limit Systems on the reionization (talk) 27th Texas Symposium on Relativistic Astrophysics, Dallas, TX, USA	8 – 13 Dec 2013
Observations of accreting pulsars with Konus-Wind (poster) Physics of Neutron Stars, St. Petersburg, Russia	11 – 15 Jul 2011
Selection function in radial distribution of Luminous Red Galaxies (poster) Garching, Germany	26 – 30 Jul 2011

SEMINARS AND OTHER TALKS

Ioffe Institute (Seminar)	17 Sep 2013
University of California at Berkeley (Lunch talk)	19 Feb 2015
KICP (Graduate Student Symposium)	12 Jun 2015
University of California at Berkeley (Cosmology/BCCP seminar)	15 Sep 2015
Stanford University (KIPAC Tea Talk)	18 Sep 2015
Institute for Advanced Study (Early universe/Cosmology lunch discussion)	16 Nov 2015

ASTROPHYSICAL SCHOOLS AND WORKSHOPS

ComSciCon: The Communicating Science workshop for graduate students Chicago, IL, USA	15 – 16 Aug 2015
Deal.II: The Fifth Users and Developers Workshop College Station, TX, USA	3 – 7 Aug 2015
KICP Summer School: Computational Cosmology Chicago, IL, USA	5 – 16 Aug 2013
43rd Saas-Fee Course Star formation in galaxy evolution: connecting numerical models to reality Villars-sur-Ollon, Switzerland	11 – 16 Mar 2013
Summer School in Statistics for Astronomers VI Penn State, PA, USA	7 – 12 Jun 2010
Supplement on Statistics and Computation for Astronomical Surveys Penn State, PA, USA	12 – 14 Jun 2010

TEACHING EXPERIENCE

The University of Chicago

PHSC 12000 The Origin of Universe & How We Know	autumn 2011
PHSC 11900 Introductory astronomy course	winter 2011
PHSC 13500 Chemistry & The Atmosphere	spring 2012
<i>Led the lab sessions, administered the grades.</i>	

Certificate in Teaching Program	expected 2016
Mentoring undergraduate students	2014 – present