

Alexander A. Kaurov

Curriculum Vitae

EDUCATION

PhD Astronomy & Astrophysics 2011-2016

The University of Chicago, Chicago, IL

“Analytical and numerical modeling of the epoch of cosmic reionization.”

BSc Nuclear Astrophysics 2007-2011

Saint-Petersburg State Polytechnical University, Russia

“Multidimensional numerical simulations of heat transfer in the crusts of neutron stars.”

WORK EXPERIENCE

Postdoc 2016-present

The Institute for Advanced Study, Princeton, NJ

Paternity leave – 01-06/2017

FELLOWSHIPS

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

REFERENCES

Nickolay Gnedin (gnedin@fnal.gov)

Matias Zaldarriaga (matiasz@ias.edu)

Hsiao-Wen Chen (hchen@astro.uchicago.edu)

Jordi Miralda-Escudé (jmiralda@fqa.ub.edu)

MENTORING EXPERIENCE

Remotely supervising thesis projects for the undergraduate students from Saint-Petersburg State Polytechnical University, Russia:

Evgenii Chaikin (BSc, 2017), full MSc fellowship at the University of Bonn, PhD student at Leiden Observatory (Joop Schaye's group)

Nadezhda Tuberozova (BSc, 2018), graduate student at the University of Bonn

Ekaterina Leonova (BSc, 2019)

Vyacheslav Bazhenov (BSc, 2021)

Mentoring **Ulrich Steinwandel** (PhD student at Munich, Germany) on one of the projects.

TEACHING EXPERIENCE

Led the lab sessions, administered the grades:

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

CONFERENCES / TALKS / VISITS

in the past year

Conference 'Modeling the Extragalactic Sky'	01/10-12/2018
--	---------------

BCCP, Berkeley, CA

Informal seminar at the IAS	05/27/2018
------------------------------------	------------

Princeton, NJ

Mentor at the Kavli Summer Program in Astrophysics	05/25-07/05/2018
---	------------------

CCA, New York, NY

Invited seminar at the Brown University	09/27/2018
--	------------

Providence, RI

Informal talks at UC Riverside and UCLA	10/20-25/2018
--	---------------

PROFESSIONAL SERVICE

Referee for the Monthly Notices of the Royal Astronomical Society since 2015