

SEYDA IPEK

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Department of Physics and Astronomy
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Research Interests	Beyond the Standard Model physics, Particle phenomenology, Particle cosmology	
Professional Positions	<ul style="list-style-type: none">• University of California Irvine – Irvine, CA UC President’s Postdoctoral Fellow 2018 –• Fermi National Accelerator Laboratory – Batavia, IL Postdoctoral Researcher 2015 – 2017• University of Oxford – Oxford, UK Balzan Fellow at New College 2015• University of Washington – Seattle, WA Research and Teaching Assistant 2010 – 2015• Koc University – Istanbul, Turkey Research and Teaching Assistant 2008 – 2010• Bilkent University – Ankara, Turkey Teaching Assistant 2004 – 2008	
Education	<ul style="list-style-type: none">• University of Washington – Seattle, WA Ph.D. – Theoretical Particle Physics Advisor: Ann Nelson 2010 – 2015• Koc University – Istanbul, Turkey M.Sc. – Theoretical Physics Advisor: Tekin Dereli 2008 – 2010• Bilkent University – Ankara, Turkey B.Sc – Physics 2004 – 2008	
Awards & Honors	<ul style="list-style-type: none">• University of California President’s Postdoctoral Fellowship University of California Irvine 2017 – 2019• Balzan Fellowship New College, Oxford University 2015• Joseph H. Weis Memorial Award University of Washington 2014• Graduate Student Scholarship The Scientific and Technological Research Council of Turkey 2008 – 2010• Undergraduate Scholarship Bilkent University 2004 – 2008	
Invited Colloquia	<ul style="list-style-type: none">• Bryn Mawr College Apr 2019• Harvey Mudd College Feb 2019• University of California, Merced Oct 2018	

	• Aspen Center for Physics	Sep	2018
Invited Seminars	• King's College London	Nov	2018
	• Los Alamos National Laboratory	Oct	2018
	• University of California, Davis	Oct	2018
	• IPPP, University of Durham	Aug	2018
	• University of Washington	Feb	2018
	• University of California Santa Barbara	Feb	2018
	• University of Cincinnati	Nov	2017
	• King's College London	Jul	2017
	• University of Oxford	Jul	2017
	• University of Texas Austin	May	2017
	• University of California Irvine	Apr	2017
	• University of California Riverside	Apr	2017
	• University of Utah	Apr	2017
	• Lawrence Berkeley National Laboratory	Jan	2017
	• Stanford Linear Accelerator Laboratory	Jan	2017
	• Bilkent University	Dec	2016
	• Mimar Sinan University	Dec	2016
	• Koc University	Nov	2016
	• University of Notre Dame	Nov	2016
	• University of Wisconsin	Sept	2016
	• Northwestern University	Apr	2016
	• University of Illinois Urbana Champaign	Mar	2016
	• University of Illinois Chicago	Nov	2015
	• University of Minnesota	Oct	2015
	• University of Michigan	Oct	2015
	Workshops & Conferences	• Understanding the Origin of the Baryon Asymmetry of the Universe Aspen Center for Physics, Aspen, CO	Sep
• CIPANP 2018 Palm Springs, CA		May	2018
• Explorations Beyond the Standard Model University of Oregon, Eugene, OR		Apr	2018
• Testing CP Violation For Baryogenesis University of Massachusetts Amherst, Amherst, MA		Mar	2018
• Neutrinos – A Quest For New Physics Scale CERN		Apr	2017
• KEK – PH2017 KEK, Tsukuba, Japan		Feb	2017
• Developing New Tools for Dark Matter Searches Aspen Center for Physics, Aspen, CO		Aug	2017
• NUPHYS2016: Prospects in Neutrino Physics Barbican Centre, London, UK		Dec	2016
• Simplicity II Fermi National Accelerator Laboratory, Batavia, IL		Sep	2016

	• LHC Run 2 Los Alamos National Laboratory, Santa Fe, NM	Jul	2016
	• ICHEP 2016 Chicago, IL	Jun	2016
	• New Physics Interpretations at the LHC Argonne National Laboratory, Lemont, IL	May	2016
	• Many Faces of Naturalness Aspen Center for Physics, Aspen, CO	May	2016
	• Higgs Effective Field Theories University of Chicago, Chicago, IL	Nov	2015
	• ICHEP 2014 Valencia, Spain	Jul	2014
	• Pheno 2014 University of Pittsburgh, Pittsburgh, PA	May	2014
	• Terrascale Workshop – Natural SUSY University of Oregon, Eugene, OR	Apr	2014
Professional Service	• Co-organizer: Understanding the Origin of the BAU Aspen Center for Physics, Aspen, CO	Aug	2018
	• Contributor: Long-Lived Particles at the Energy Frontier: The MATHUSLA Physics Case arXiv:1806.07396		2018
	• Member: Women in Physics and Astronomy University of California Irvine, Irvine, CA		2018 –
	• Member: Inclusive Excellence Committee University of California Irvine, Irvine, CA		2018 –
	• Journal Referee: Nuclear Physics B		2015 – 2017
	• Organizer: Particle Theory Journal Club Fermi National Accelerator Laboratory, Batavia, IL		2013 – 2015
	• Organizer: Graduate Student Colloquia University of Washington, Seattle, WA		2013 – 2014
	• Non-voting member: Faculty Search Committee University of Washington, Seattle, WA		2012 – 2015
	• Co-organizer: Particle Theory Journal Club University of Washington, Seattle, WA		2012 – 2015
	• Physics senator: Graduate and Professional Student Senate University of Washington, Seattle, WA		2011 – 2014
	• Mentor: Physics Department Mentor program University of Washington, Seattle, WA		2011 – 2013
Outreach & Volunteering	• Various public science talks		
	• Volunteer: Adopt-a-Physicist	Oct	2018
	• Fermilab representative National Science and Engineering Fair, Washington DC	Mar	2016
	• Tour guide at Saturday Morning Physics Fermi National Accelerator Laboratory, Batavia, IL		2016 – 2017
	• Q&A for the movie Particle Fever The Grand Cinema, Tacoma, WA		2014

- **ATLAS booth leader** 2014
Pacific Science Center Fair, Seattle, WA
- **QuarkNet masterclass presentation** 2013
University of Washington, Seattle, WA
- **ATLAS masterclass presentation** 2013
Art Institute of Seattle, Seattle, WA
- **Member of Physics Department Volunteer Group** 2010 – 2015
University of Washington, Seattle, WA
- **Member of Social Volunteers Group** 2004 – 2008
Bilkent University, Ankara, Turkey