

SEYDA IPEK

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Research Interests	Beyond the Standard Model physics, Particle phenomenology, Particle cosmology	
Professional Positions	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	2005 – 2008
Education	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	UC 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 Fellowship 2008 – 2010
Scientific & Technological Research Council of Turkey

Undergraduate Fellowship 2004 – 2008
Bilkent University

Invited Colloquia

University of California, Santa Cruz	Sep	2019
Carleton University	Apr	2019
Bryn Mawr College	Apr	2019
Harvey Mudd College	Feb	2019
University of California, Merced	Oct	2018
Aspen Center for Physics	Sep	2018

Invited Seminars

Lawrence Berkeley National Laboratory	Feb	2019
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	Dec	2016
University of Notre Dame	Nov	2016
University of Wisconsin	Nov	2016
Northwestern University	Sept	2016
University of Illinois Urbana Champaign	Apr	2016
University of Illinois Chicago	Mar	2016
University of Minnesota	Nov	2015
University of Michigan	Oct	2015

Workshops & Conferences	DM @LHC University of Washington, Seattle, WA	Aug	2019
	Searching for New Physics University of Utah, Salt Lake City, UT	Aug	2019
	SoCal BSM 2019 University of California, Los Angeles	Jan	2019
	Understanding the Origin of the BAU Aspen Center for Physics, Aspen, CO	Sep	2018
	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: Dark Matter Theory Confronts Reality Mainz Institute For Theoretical Physics	Jun	2020
	Member of the organizing committee: Conference For Undergraduate Women in Physics University of California, Irvine, CA	Jan	2020
	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	
	Journal Referee: Nuclear Physics B, PRD, PRL	2015 –	
	Member: Women in Physics and Astronomy University of California Irvine, Irvine, CA <i>Assisted in receiving funds for \$5,300</i>	2018 –	
	Member: Inclusive Excellence Committee University of California Irvine, Irvine, CA	2018 –	
	Organizer: Particle Theory Journal Club Fermi National Accelerator Laboratory, Batavia, IL	2015 – 2017	
	Member: Colloquium Committee University of Washington, Seattle, WA	2013 – 2015	
	Non-voting member: Faculty Search Committee University of Washington, Seattle, WA	2013 – 2014	
	Co-organizer: Particle Theory Journal Club University of Washington, Seattle, WA	2012 – 2015	
Member: 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		
	Co-manager: Bilim Kadınları Twitter Group <i>Promoting women in science in Turkey</i> <i>Increased following to over 10K in a year</i>	2018 –	
	Volunteer: Adopt-a-Physicist	Oct	2018

Fermilab representative National Science & Engineering Fair, Washington DC	Mar 2016
Tour guide: 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 Pacific Science Center Fair, Seattle, WA	2014
QuarkNet masterclass presentation University of Washington, Seattle, WA	2013
ATLAS masterclass presentation Art Institute of Seattle, Seattle, WA	2013
Member: Physics Department Volunteer Group University of Washington, Seattle, WA	2010 – 2015
Member: Social Volunteers Group Bilkent University, Ankara, Turkey	2004 – 2008