

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 Scientific & Technological Research Council of Turkey	2008 – 2010

Undergraduate Fellowship
Bilkent University

2004 – 2008

Invited Colloquia	Carleton University	May	2020
	Boğaziçi University	Apr	2020
	University of California, Riverside	Feb	2020
	University of California, Santa Cruz	Sep	2019
	Middle East Technical University	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
	Mimar Sinan University	Dec	2016
	Bilkent University	Dec	2016
	Koc University	Dec	2016

Invited Seminars	Caltech	Mar	2020
	Harvard University	Feb	2020
	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
	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	Mini DM Workshop (online)	May	2020
	The Ohio State University, Columbus, OH		
	MaryK Fest	Sep	2020
	University of California, Berkeley, CA		

Topics in Cosmic Neutrino Physics Fermilab, Batavia, IL	Oct	2019
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, Germany	Sep	2021
	Co-organizer: Summiting The Unknown University of Washington, Seattle, WA	Jul	2021
	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 Rept.Prog.Phys. 82 (2019) 11, 116201 arXiv:1806.07396	2018	
	Journal Referee: Nuclear Physics B, PRD, PRL, JHEP	2015	–
	Member: Women in Physics and Astronomy University of California Irvine, Irvine, CA <i>Assisted in receiving \$5,300 in external funding</i>	2018	– 2019
	Member: Inclusive Excellence Committee University of California Irvine, Irvine, CA	2018	– 2020
	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 the work of women in science in Turkey</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