

# Curriculum Vitae

Konstantin Matchev

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## ADDRESS

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## EDUCATION AND TRAINING

Plovdiv University, Bulgaria	Physical Engineering	M.S.	1990
JINR, Dubna, Russia	Theoretical Physics	Research Assistant	1990 - 1992
The Johns Hopkins University	Physics & Astronomy	M.S.	1994
The Johns Hopkins University	Physics & Astronomy	Ph.D.	1997
Fermilab, Theory Group	Theoretical Physics	Research Associate	1997 - 2000
CERN, Theory Division	Theoretical Physics	Research Fellow	2000 - 2002

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## RESEARCH AND PROFESSIONAL EXPERIENCE

University of Florida	Professor of Physics	2012 - present
University of Florida	Associate Professor of Physics	2007 - 2012
Cornell University	Visiting Assistant Professor	Jan. - Aug. 2004
University of Florida	Assistant Professor of Physics	2002 - 2007

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## AWARDS

2018-21: University of Florida Term Professor  
2018-21: University of Florida Research Foundation (UFRF) Professorship Award  
2017: University of Florida, Office of Postdoctoral Affairs, Postdoc Mentoring Award  
2015: Fellow, American Physical Society  
2012: University of Florida, Graduate School, PhD Advisor/Mentoring Award  
2004: Outstanding Junior Investigator, Department of Energy

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## PUBLICATIONS

Over 150 theory publications  
Over 1000 CMS publications

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## SELECTED SYNERGISTIC ACTIVITIES

Member, CMS Collaboration, LHC Project, CERN, 2002 - present  
Member, Mentoring Award Committee, APS Division of Particles and Fields, 2021-23  
Main organiser, Aspen Center for Physics ML workshop, summer 2022  
Chair/member, Nominating Committee, APS Division of Particles and Fields, 2017-18  
Main organiser, MC4BSM workshops, 2006 - 2017  
Member, Early Career Program review panel, Department of Energy, February 2015  
Convener, ‘Dark Matter Complementarity’ subgroup, Cosmic Frontier, Snowmass 2013  
Main organiser, Aspen Center for Physics workshop, summer 2012  
Program director, TASI summer school, Boulder CO, June 2011  
Member, OJI review panel, Department of Energy, 2009  
Member, Large Hadron Collider-Linear Collider HEPAP subpanel 2005-06  
Main organiser, Aspen Center for Physics workshop, summer 2005  
Convener, Higgs and SUSY working groups, Snowmass 2001

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## SUPERVISED PHD STUDENTS AND THEIR CURRENT AFFILIATIONS

Kyoungchul Kong	2001 – 2006	senior faculty, University of Kansas
R. Craig Group	2002 – 2006	senior faculty, University of Virginia
Michael Burns	2005 – 2009	faculty, Austin Community College
Ronald Remington	2006 – 2011	technology manager, Lockheed Martin
Myeonghun Park	2006 – 2011	senior faculty, SeoulTech, South Korea
Gaurab Saranghi	2007 – 2012	research scientist, MPI Leipzig
Dipsikha Debnath	2012 – 2018	analyst, Nielsen Consulting
Prasanth Shyamsundar	2014 – 2020	postdoc, Quantum Institute, Fermilab
Alexander Roman	2018 – now	student, University of Florida

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## SUPERVISED POSTDOCS AND THEIR CURRENT AFFILIATIONS

Asesh Datta	2002 – 2004	senior faculty, HRI India
Andreas Birkedal	2003 – 2005	analyst, finance industry
Lisa Everett	2003 – 2006	senior faculty, University of Wisconsin
Hye-Sung Lee	2005 – 2008	junior faculty, KAIST, Korea
Salah Nasri	2006 – 2008	senior faculty, UAE University, UAE
Christoph Luhn	2006 – 2008	industry
Partha Konar	2007 – 2010	faculty, Physical Research Laboratory, India
Won Sang Cho	2011 – 2013	research professor, Seoul Nat. Univ., Korea
James Gainer	2012 – 2015	software engineer (machine learning), LinkedIn
Doojin Kim	2013 – 2016	postdoc, Texas A&M University