

Biographical Sketch - Nikos Varelas

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Education

1994 Ph.D. in Physics, University of Rochester, Rochester, New York.
1985 B.Sc. in Physics, University of Athens, Athens, Greece.

Professional Appointments

2007 - present	Professor	University of Illinois at Chicago
2006 - 2007	Guest Scientist (CMS, sabbatical leave)	Fermilab
2005	Guest Scientist (DØ)	Fermilab
2003 - 2007	Associate Professor	University of Illinois at Chicago
2001	Guest Scientist (DØ)	Fermilab
1997 - 2003	Assistant Professor	University of Illinois at Chicago
1994 - 1997	Research Associate (DØ)	Michigan State University
1987 - 1994	Graduate Research Assistant (E706)	University of Rochester
1986	Graduate Research Assistant (E141)	University of Rochester

Awards

2012	CMS LPC Senior Fellow
2006	Teaching Recognition Program Award, University of Illinois at Chicago
1990 - 1991	Agnes M. and George Messersmith Graduate Fellowship University of Rochester
1981 - 1985	National Scholarship for Outstanding Performance University of Athens (awarded separately for each of the four academic years)

Professional Service

2012 -	Elected member of the Executive Committee of the American Physical Society Division of Particles and Fields (DPF)
2011 -	Elected member of the Users Executive Committee (UEC) at Fermilab
2011 -	Chair of the UEC Outreach Sub-committee at Fermilab
2010 - 2012	Member of the CMS Publications Committee
2010	Co-convener of the "Perturbative QCD, Jets and Diffractive Physics" Track, 35th International Conference on High Energy Physics (ICHEP2010)
2008 - 2009	Co-convener of the CMS QCD Physics Group
2009	Co-editor of the Proceedings of the 2008 International Linear Collider Workshop
2008	Chair of the Organizing Committee for the 2008 International Linear Collider Workshop: LCWS2008 and ILC2008, UIC, Nov. 16-20, 2008.
2007	Co-convener of the CMS Jets and Missing ET Physics Object Group
2007 - present	Associate Editor of the journal <i>Advances in High Energy Physics</i>
2004 - 2006	DØ Trigger Coordinator
2004 - 2006	Member of the DØ Upper Management Board
2003 - 2004	Co-convener of the DØ Higgs Physics Group
2002 - 2003	Chair of the DØ Trigger Board
2000 - 2001	Co-project Manager of the DØ Trigger Upgrade for Run IIa

2000 - 2001 Commissioner of the DØ Level-2 Trigger System
1997 - 2006 Leader of the DØ Level-2 Calorimeter Trigger
1997 Co-convenor of the “Physics of the Hadron Final State” Group,
 Workshop on Deep Inelastic Scattering and QCD
1995 - 1997 Co-convenor of the DØ QCD Physics Group
Co-organized, and presented at, numerous Workshops, Conferences, and CTEQ Summer Schools
Reviewer of journal manuscripts and research proposals considered for funding
Served on a DOE panel that reviewed HEP proposals for ARRA stimulus funds
Named Most Valuable Reviewer of 2010 for Physics Letters B
Chaired several analysis review committees, technical committees, and review panels

Collaborations

2005 - present CMS Collaboration
1998 - present CTEQ Collaboration
1994 - present DØ Collaboration
1987 - 2004 Fermilab E706 Collaboration
1986 - 1987 SLAC E141 Collaboration
1984 Fermilab E609 Collaboration

Doctoral Advisees at UIC

Inga Bucinskaite (CMS)
Agata Smoron (M.Sc. 2006-2009, CMS)
Cosmin Dragoiu (Ph.D. October 2011, CMS)
James Heinmiller (Ph.D. November 2006, DØ)
Marc Buehler (Ph.D. July 2005, DØ)

Postdoctoral Fellows at UIC

Dr. Leonard Apanasevich (2006-present, currently Research Assistant Professor at UIC)
Dr. Alan Stone (2003-2006, currently Program Director at the Office of High Energy Physics at the DOE)
Dr. Kostas Papageorgiou (2000-2002, currently Associate Professor at University of Aegean, Greece)
Dr. Robert Martin (1998-2000, currently Sr. Vice President, Product Development at Apriva, Phoenix, AZ)
Dr. Robert Hirosky (1997-2000, currently Associate Professor at University of Virginia)

Publications and Presentations

I have co-authored about 600 publications from CMS, DØ, E706, and E141 experiments.
A list of selected presentations can be found on my web page:
www.uic.edu/~varelas/research.html

Memberships

American Physical Society (APS)
American Association for the Advancement of Science (AAAS)
Illinois State Academy of Science (ISAS)

Outreach Activities

Co-PI of the QuarkNet program at UIC
Co-host of high school students' visits at UIC
Supervised high school students in Chicago Public Schools during summer programs at UIC
Presented HEP seminars to high school and undergraduate physics students
Offered tours of Fermilab and the DØ site to high school students and UIC undergraduates

Selected UIC Physics Department and College Committees

Chaired a Search Committee for a junior faculty position in High Energy Nuclear Physics

Elected Member of the College of Liberal Arts & Sciences Executive Committee

Co-chaired the Department's Vision Committee

Co-chaired the Department's Outreach Committee

Chaired a Joint Search Committee for a UIC-Fermilab junior faculty position in HEP

Served on the Graduate Admissions Committee

Elected Member of the Department's Advisory Committee

Co-chaired the Upper Undergraduate Physics Laboratory Renovation Committee

Chaired two Search Committees for junior faculty positions in HEP

Served as Advisor of the Physics Secondary Teacher Education Program

Co-chaired the Electronics Shop Committee

Elected Member of the Elections Committee for the College of Liberal Arts & Sciences

Served on the Ph.D. Preliminary Exam Committee

Served on the Introductory Undergraduate Physics Laboratory Renovation Committee

Co-chaired the Department's Colloquium Committee