

George Filippatos

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Education:

The Pennsylvania State University, Schreyer's Honors College, State College, PA.
B.S., 5/2018, Majors: Physics, Astronomy and Astrophysics. Minor: Mathematics

Colorado School of Mines, Golden, Co.
PhD. Physics (in progress)

Honors and Awards:

2016 -2018 Bert Elsbach Honors Scholarship in Physics
2017 Caltech SURF program
2017 Penn State Fraternity Man of the Year
2018 Langhorne H. Brickwedde Recognition Award for Excellence in Undergraduate Physics

Publications and Presentations:

Turley, C. F., et al. "Search for Blazar Flux-Correlated TeV Neutrinos in IceCube 40-String Data."
The Astrophysical Journal (2016), arXiv:1608.08983

Filippatos, G. "Analysis of Correlations Between Pierre Auger and IceCube IC59 Data." APS April
2018 meeting.

Filippatos, G. "EUSO-SPB2: Preliminary Simulation Results." APS Four Corners 2018 meeting.

Research Experience:

2015 Interdisciplinary Materials, Center for Nanoscale Science, and Physics REU
2017 Caltech SURF program: Simulating data collection for future WFIRST mission at
NASA's JPL.

Supplemental Experience:

Learning Assistant: Learning assistant for Physics 211 (Intro Mechanics), Fall 2016, Penn
State

Referee: USSF Soccer Referee, Grade 8, 2010-2015

Assistant Restaurant Manager: Responsible for all aspects of daily operations for my family's
restaurant, 2010-2015

Extracurricular Development:

Treasurer of Phi Sigma Kappa fraternity, 2015-2016 academic year.
President Phi Sigma Kappa Fall 2016.

Scholarship Chairmen Phi Sigma Kappa 2015.
Dance Marathon Philanthropy participant.
Study Abroad Program, SJTU, Shanghai China, Summer 2017
Member Eberly College of Science IT Allotment Panel.

References:

Stephane Coutu: *Professor of Physics and Astronomy and Astrophysics, Penn State University,*
coutu@phys.psu.edu

Donald Schneider: *Department Head and Distinguished Professor of Astronomy and Astrophysics, Penn State University,* dps7@psu.edu

Richard Robinett: *Professor of Physics, Associate Head for Undergraduate and Graduate Studies Penn State University,* rq9@psu.edu

Miguel Mostafa: *Associate Professor of Physics and Astronomy and Astrophysics, Penn State University,*
Miguel@psu.edu

Reny Hu: *Research Scientist, NASA Jet Propulsion Laboratory,* renyu.hu@jpl.nasa.gov

Fred Sarazin: *Professor of Physics, Colorado School of Mines,* fsarazin@mines.edu

Lawrence Wiencke: *Professor of Physics,* lwiencke@mines.edu