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Education

- Ph.D. Physics, *University of Virginia*, 2012.
- B.S. Physics with Honors et Magna cum Laude, *The College of William and Mary in Virginia*, 2005.

Research Experience

- Research Associate, Professor David Hertzog (*UW*), June 2012-September 2014.
 - The New Muon g-2 Collaboration: E989, 2012-2016.
- Research Assistant, Professor Dinko Počanić (*UVa*), June 2007-May 2012.
 - The PEN Collaboration, 2007-present.
 - The Nab Collaboration, 2007-present.
- Honors Thesis, Professor William Kossler (*W&M*), 2004-2005.

Publications

Journal Articles

- D. Blyth et al. (NPDGamma Collaboration) *Phys. Rev. Lett.* 121, 242002 (2018)
- D. Počanić, et al. "PEN: a low energy test of lepton universality", *PoS HQL* 2016 (2017) 042
- L.P.Alonzi, et al. "The calorimeter system of the new muon g -2 experiment at Fermilab", *Nucl.Instrum.Meth. A* 824 (2016) 718-720
- Muon $g - 2$ collaboration, "The Measurement of the Anomalous Magnetic Moment of the Muon at Fermilab", *J.Phys.Chem.Ref.Data* 44 (2015) no.3, 031211
- A.T. Fienberg, et al. "Studies of an array of PbF22 Cherenkov crystals with large-area SiPM readout", *Nucl.Instrum.Meth. A* 783 12-21 (2015)

- D. Počanić, et al. “Nab: Measurement Principles, Apparatus and Uncertainties”, *Nucl.Instrum.Meth. A* 611, 211-215 (2009).

Experiment Proposals

- Precise Measurement of the Neutron Beta Decay Parameters “a” and “b”: The *Nab* Experiment (2007)

Selected Proceedings

- D. Počanić for the PEN collaboration, “New Results in Rare Allowed Muon and Pion Decays“, *9th International Workshop on e^+e^- Collisions "From ϕ to ψ 2013"* (2014).
- D. Kawall for the New Muon g-2 Collaboration, “The New Muon g-2 Experiment at Fermilab“, *11th Conference on the Intersections of Particle and Nuclear Physics (2012)*, *AIP Conf.Proc.* 1560 (2013) 106-108 (2013)
- S. Baessler for the Nab Collaboration, “Neutron Beta Decay Studies with Nab“, *11th Conference on the Intersections of Particle and Nuclear Physics* (2012).
- D. Počanić for the PEN collaboration, “Rare Pion and Muon Decay Measurements: The PIBETA and PEN Experiments“, *6th International Workshop on Chiral Dynamics* (2009).
- D. Počanić for the PEN collaboration, “PEN Experiment: A Precise Measurement of the $\pi^+ \rightarrow e^+\nu$ Decay Branching Fraction“, *10th Conference on the Intersections of Particle and Nuclear Physics conference* (2009).
- E. Frlež for the PEN collaboration, “Precise Measurement of the $\pi^+ \rightarrow e^+\nu$ Branching Ratio“, *New Trends in High Energy Physics, Yalta* (2008).
- D. Počanić for the Nab Collaboration, “Nab: Measurement Principles, Apparatus and Uncertainties“, *International Workshop for Particle Physics with Slow Neutrons* (2008).
- D. Počanić for the PEN collaboration, “PEN: A Sensitive Search for Non-(V-A) Weak Process“, *18th International Conference on Particles and Nuclei* (2008).
- D. Počanić for the PEN collaboration, “Rare Pion and Muon Decays: Summary of Results and Prospects“, *Low Energy Precision Electroweak Physics in the LHC Era* (2008).