Giovanni Angelini, PhD candidate.

Giovanni Angelini is a PhD candidate in Nuclear Physics at The George Washington University. He passed the qualifying (comprensive) exam at the beginning of 2017. Considering his award winning performance as a Teaching Assistant he has been appointed as a secondary instructor in the physics department. In addition he is a term member of the CLAS12 collaboration at the Jefferson laboratory (Jlab).

Giovanni Angelini has obtained a Bachelor's degree in Physics at "Sapienza University of Rome" (Italy) with a dissertation in biophysics in 2010. For personal reasons he took a break from studying. During these couple of years he had different working experiences: as a technical collaborator for Camera Service Rome (Canon repair service), as information technology consultant for Mangone Marmi srl, and as a photographer (www.gioangel.eu). Successively, he decided to follow his passion for Physics by enrolling in a Master's degree. He obtained his Master's degree in Particle and Nuclear Physics at "Sapienza University of Rome" in 2014 with a dissertation on the CLAS12 Ring Imaging Cherenkov Detector (RICH). Before moving to the United States for his PhD, he worked for 6 months at the National Laboratory of Frascati (LNF-INFN) performing tests and simulations on the mirror system for the CLAS12 RICH detector. He attended several schools on nuclear physics such as "Frontiers in Nuclear and Hadronic Physics" (Galileo Galilei Institute of Theoretical Physics in Florence, Italy) and the "HUGS" summer school at the Jlab. His PhD program started in Fall 2015 at The George Washington University (Washington DC). His dissertation research is mainly based on Transverse Momentum Dependant (TMD) Parton distribution functions and on the optimisation and characterisation of the CLAS12-RICH detector from an hardware and software point of view. Preliminary results on the RICH detector has been presented in a talk during the APS April Meeting (2017).