Speaker: Sean Grullon

Affiliation: Proscia, Inc

Time: 3:00 pm – 4:00 pm

Host: Ignacio Taboada

Title: Transitioning from Academia to the Private Sector: Myths and Truths of a career in Artificial Intelligence

Abstract: Artificial Intelligence (AI) is central to the ongoing tech revolution, and the underlying technology based on artificial neural networks is getting better all the time. The driving force behind computer vision, speech analysis and natural language processing, AI impacts industry and society in numerous ways — and will continue to do so in the future. The field of artificial intelligence has a tremendous career outlook, with the Bureau of Labor Statistics predicting a 31.4 percent, by 2030, increase in jobs for data scientists and mathematical science professionals, which are crucial to AI. AI jobs are expected to be worth $31 billion by 2024, a growth of 40 percent over six years, according to a Forbes estimate. The increased demand for AI professionals in industry has led to more scientists leaving academia in order to lend their quantitative skills to build artificial neural network systems that solve business problems. In this talk, Sean Grullon will share his experience in leaving academia to a career in Artificial Intelligence in the private sector and how the skills learned by physicists in academia translate to the field.

Bio: Sean Grullon is the Lead AI Scientist at Proscia, a startup seeking to transform the practice of pathology and cancer diagnosis through a digital platform and AI-driven tools. He has previously developed AI/ML solutions for IBM Watson Health and the AI organization of GlaxoSmithKline. Prior to working in AI in health care, Sean was a neutrino physics researcher with the SNO+ experiment at the University of Pennsylvania and was a Ph.D student with the IceCube Neutrino Observatory at the University of Wisconsin - Madison.