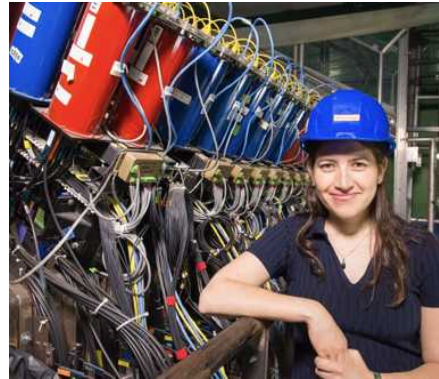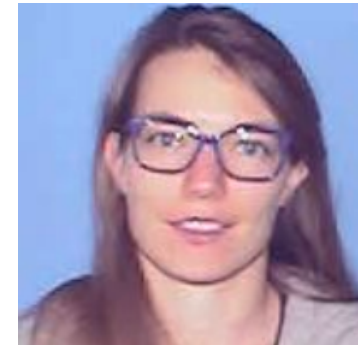# FPSA Career Panel

New Perspectives

10 June 2019

Fermilab Scientists:

Dr. Robert Harris is a senior scientist conducting research on CMS for Fermilab. He is active in postdoc hiring committees at Fermilab and has mentored students applying for postdoc positions. He leads the mentoring of Fermilab postdocs in the CMS department and postdocs and young scientists in the computing division.

Dr. Minerba Betancourt is a Wilson Fellow at Fermilab. She graduated in 2013 at University of Minnesota and joined Fermilab as a post-doc, working for the MINERvA experiment. At MINERvA she is co-convener of the quasi-elastic physics group. In 2017, she started a new position at the lab as Wilson Fellow. She is now working with the Short Baseline Neutrino program and MINERvA. She is the SBN FD CRT L2 manager and co-convener of the FD CRT working group. She served as a member of the Fermilab User's Executive Committee, NOvA and MINERvA Executive Committees.

Dr. Angela Fava is a Wilson Fellow in the Fermilab Neutrino Division since November 2015. She is primarily dedicated to the Short Baseline Neutrino Program with particular focus on the ICARUS detector. She has been at the side of this enormous liquid argon TPC for over a decade, following its journey from Italy to CERN and finally to Fermilab. She is also committed to improving the liquid argon TPC detection technique through novel ideas for R&D, for which she was granted an LDRD earlier this year. Angela graduated her Master Degree and P.hD in Physics at University of Padova, Italy, in 2006 and 2010 respectively
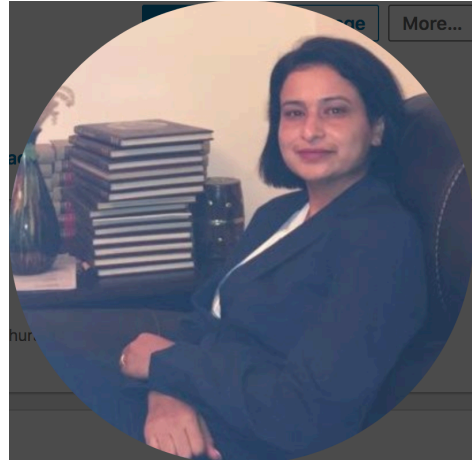
Faculty:

Dr. Satyajit Jena is Faculty Member in Department of Physics at IISER Mohali and a member of Minerva Collaboration. He has completed his Ph.D from IIT Bombay, Mumbai in 2013 in QGP Physics. He worked as postdoctoral fellow at University of Houston & CERN from 2013 to 2016 in ALICE collaboration at LHC, CERN. He joined IISER in 2016. During his career, he has taken several responsibilities both in ALICE and institute. He served as Junior Committee member as well as a software coordinator for PMD in ALICE. He is currently serving as a Computing Taskforce Member in the institute and an active junior member of faculty hiring in institute.

Industry:

Dr. Wes Gohn did his Ph.D. at UConn studying quark dynamics in the proton at JLab followed by a six year stint as a postdoc with the University of Kentucky on the Fermilab Muon g-2 experiment. He is currently an R&D Staff Scientist at Siemens Healthineers working on medical imaging with single-photon emission computed tomography (SPECT). The job involves working with particle detectors, physics simulations with Geant IV, data analysis, deep learning, and high performance computing.

Dr. Lovdeep Saini did her Ph.D from Panjab University, India in CMS experiment at LHC followed by 4 years of postdoc experience from Kansas State University, US. She is now working as a Senior Data Scientist for Ghallagher Bassett in insurance industry and helping business with her rich experience in field of data analysis and exploration, predictive modeling and machine learning techniques