MEETING OF THE AMERICAN PHYSICAL SOCIETY DIVISION OF PARTICLES AND FIELDS

Contribution ID: **457**                                                                                   Type: **Poster**

# Ongoing Community Efforts in Machine Learning in Particle Physics

*Monday, 31 July 2017 19:13 (1 minute)*

In this poster we will highlight the different community efforts in machine learning in high-energy physics and their positive impact on the community. These efforts include the Inter-Experimental (IML) LHC Machine Learning working group, the Machine Learning group at Fermilab, aMVA4NewPhysics, INSIGHTS, Data Science at HEP workshops. Additional opportunities in the areas of education, training and outreach, as well as involvement of the broader ML community would further enable the progress of machine learning in HEP.

**Primary authors:**    Ms PSIHAS, Fernanda (Indiana University);   GLEYZER, Sergei (University of Florida)

**Presenters:**   Ms PSIHAS, Fernanda (Indiana University);  GLEYZER, Sergei (University of Florida)

**Session Classification:**   Poster Session and Reception

**Track Classification:**   Computing, Analysis Tools and Data Handling