Kyle Cranmer

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RE: NSF Grant Proposal "S12-SSE: Improving Scikit-learn usability and automation"

I'm a professor of Physics at NYU working primarily on experimental particle physics at the Large Hadron Collider. I am also a PI for the DIANA/HEP project funded through NSF's Software Infrastructure for Sustained Innovation (SI2) program.

If the proposal submitted by Dr. Andreas Mueller entitled "Improving Scikit-learn usability and automation" is selected for funding by NSF, it is my intent to collaborate as detailed in the Project Description.

Automated model and parameter selection has many applications in high energy physics data analysis. I commit that my group will serve as early adopters of the software created in the aforementioned proposal, apply it to the search for new phenomena at the Large Hadron Collider, and provide feedback on the usefulness of the software for this application.

Sincerely yours,

Kyle Cranmer

Associate Professor, Physics, New York University