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Featured Prediction Competition

PLAsTiCC Astronomical Classification

\$25,000

Prize Money

Can you help make sense of the Universe?



LSST Project · 1,094 teams · 9 months ago

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PLAsTiCC's Team

Help some of the world's leading astronomers grasp the deepest properties of the universe.

The human eye has been the arbiter for the classification of astronomical sources in the night sky for hundreds of years. But a new facility -- the Large Synoptic Survey Telescope (LSST) -- is about to revolutionize the field, discovering 10 to 100 times more astronomical sources that vary in the night sky than we've ever known. Some of these sources will be completely unprecedented!



The Photometric LSST Astronomical Time-Series

Classification Challenge (PLAsTiCC) asks Kagglers to help prepare to classify the data from this new survey. Competitors will classify astronomical sources that vary with time into different classes, scaling from a small training set to a very large test set of the type the LSST will discover.

More background information is available here.

Acknowledgements

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The National Science Foundation (NSF) is an independent federal agency created by Congress in 1950 to promote the progress of science. NSF supports basic research and people to create knowledge that transforms the future.

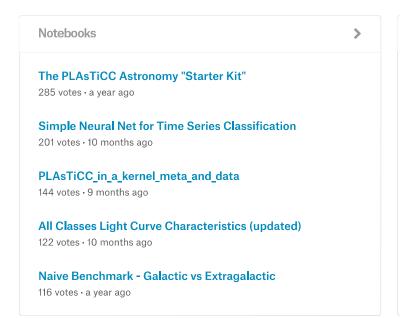


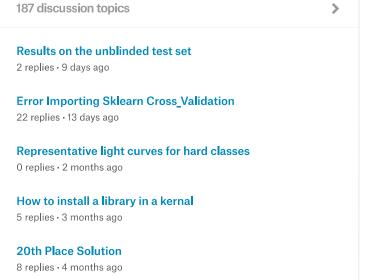






Photo Credit: M. Park/Inigo Films/LSST/AURA/NSF







1,094 1,325 22,889 Teams Competitors Entries

Points This competition awarded standard ranking points

Tiers This competition counted towards tiers

Tags time series tabular data astronomy weightedmulticlassloss extra large

Deadline

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