

ESCAPE SUMMER SCHOOL



ID de Contribution: 143

Type: Non spécifié

AI in Cosmological Experiments

Detailed observations of the present contents of the Universe are consistent with the Lambda + Cold Dark Matter model, subject to some 'tensions'. To probe these components further the Dark Energy Survey and larger galaxy surveys require new statistical approaches. In particular the role of Artificial Intelligence, or preferably Augmented Intelligence, is crucial for analysing forthcoming surveys (e.g. Rubin-LSST and Euclid) of billions of galaxies. This also requires new ways to train the next generation of scientists for the challenges ahead.

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Classification de Session: Other