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Accelerated inference with neural networks for CMB and LSS analyses

Thursday, 11 July 2024 15:10 (20 minutes)

We will present state-of-the-art machine learning based tools that can be interfaced with traditional Boltzmann and sampling codes to accelerate inference analyses of CMB and LSS data. We will show real life example with the CMBxLSS code class_sz used in ACT and SO collaboration pipelines.

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Session Classification: Cosmology & Simulations