

## AI methods developed / under development for TOROS that might be use for LSST

*Thursday, 14 March 2019 16:40 (15)*

In a talk I would like to present methods developed or currently under development for TOROS project that have potential to be useful for LSST. Most important methods developed be me for TOROS is background rejection using Convolutional Neural Networks (with 99.5 % accuracy). The other methods currently under development involves galaxy subtraction using GANs, scheduling using reinforcement learning and image subtraction using neural networks.

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**Session Classification :** Machine learning

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