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## Leveraging Transfer Learning for Astronomical Image Analysis

*Friday, 20 February 2026 15:15 (45 minutes)*

*Content:* This lecture explores some applications of transfer learning in astronomical image analysis, focusing on the usage of a pretrained model. We discuss methods for identifying active galactic nuclei, extracting physical parameters, and detecting anomalies in time series data. Additionally, we present some potential future applications, demonstrating the versatility of this approach, even without a training phase.

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**Session Classification:** ML applications in Astronomy