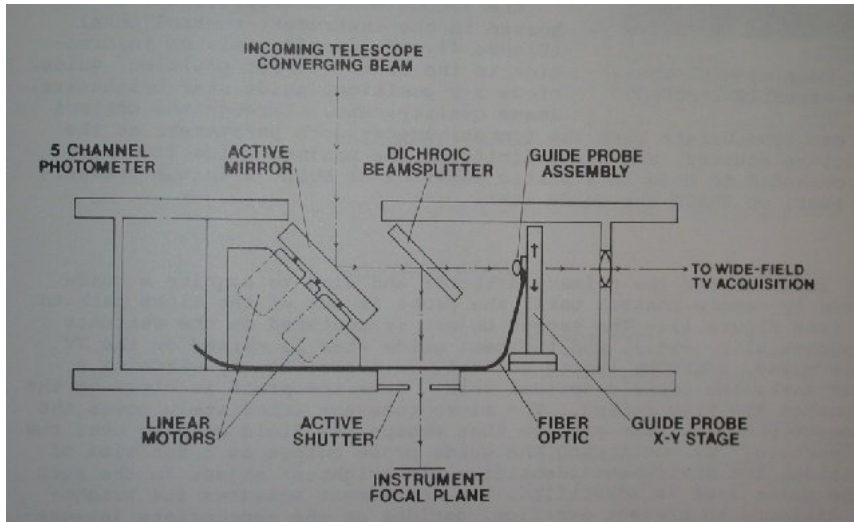UNIVERSITY OF
CAMBRIDGE
Cavendish Laboratory
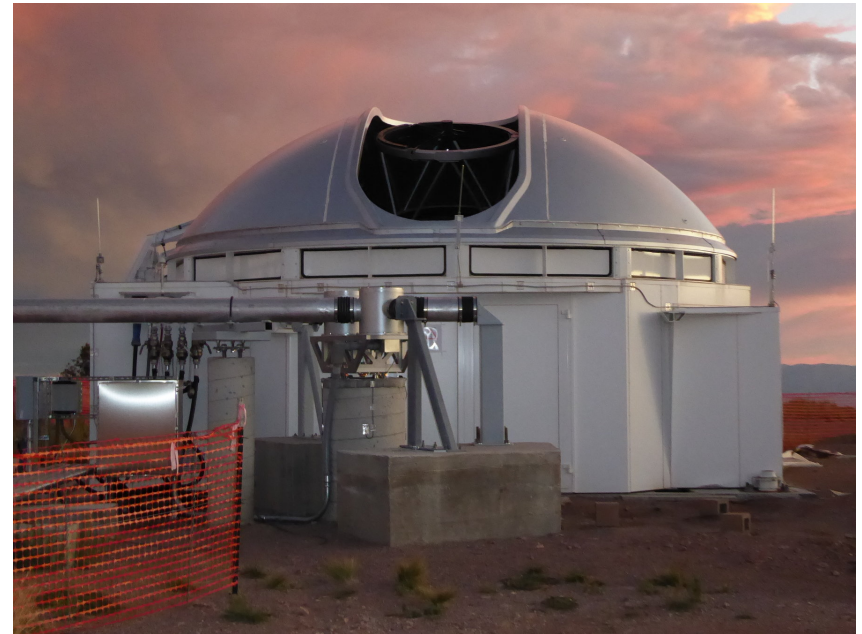
Reduction of centroid anisoplanatism through machine learning

David Buscher
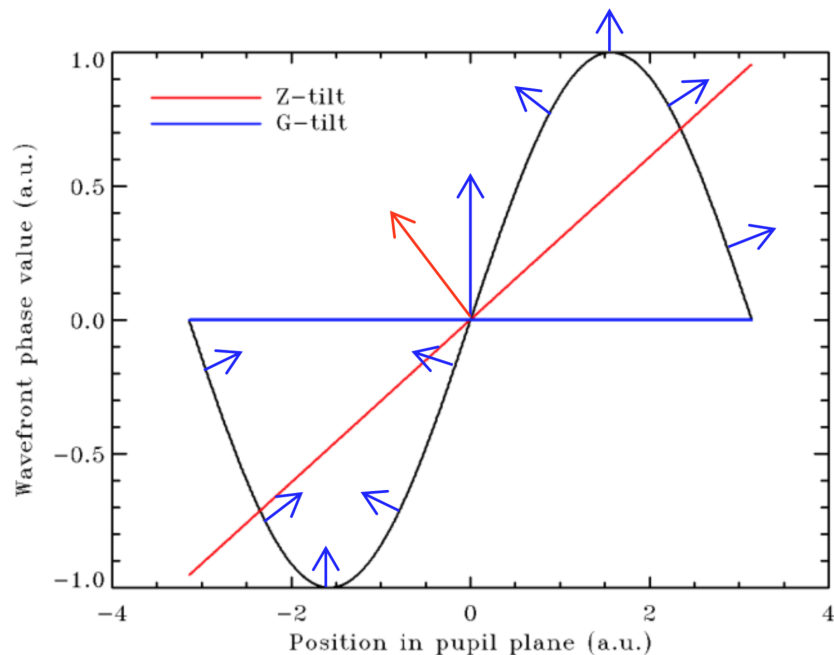
Henry Calver

Back to the future
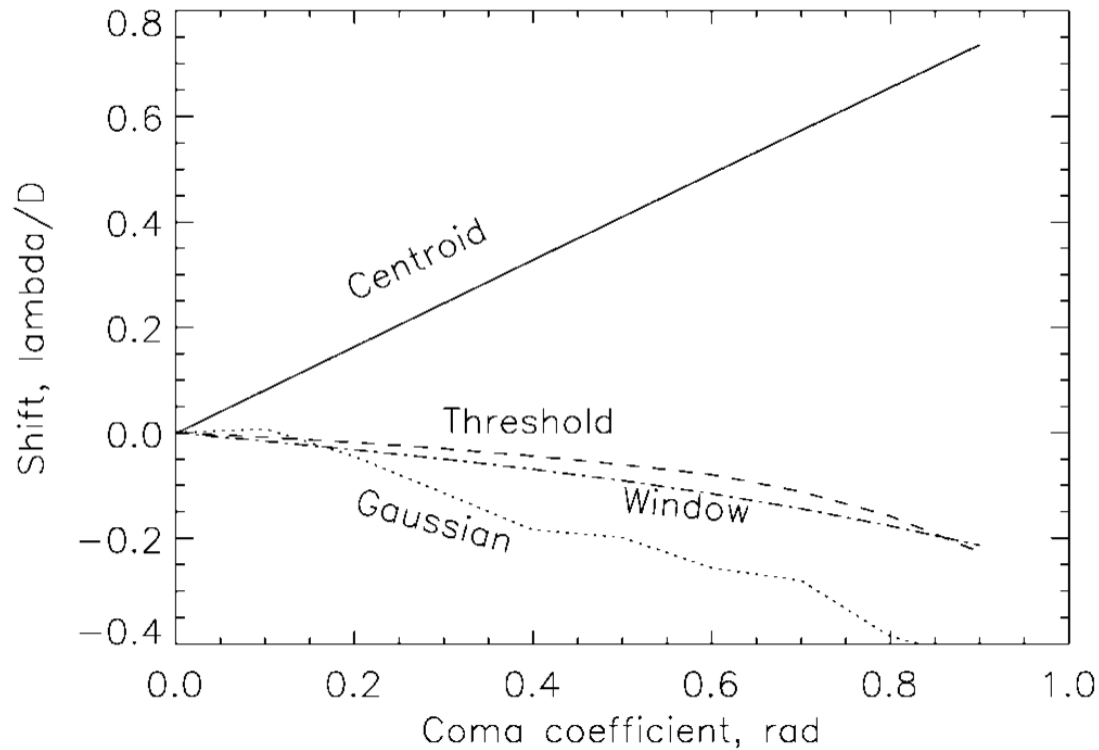

Thompson & Ryerson 1984

MROI 2019

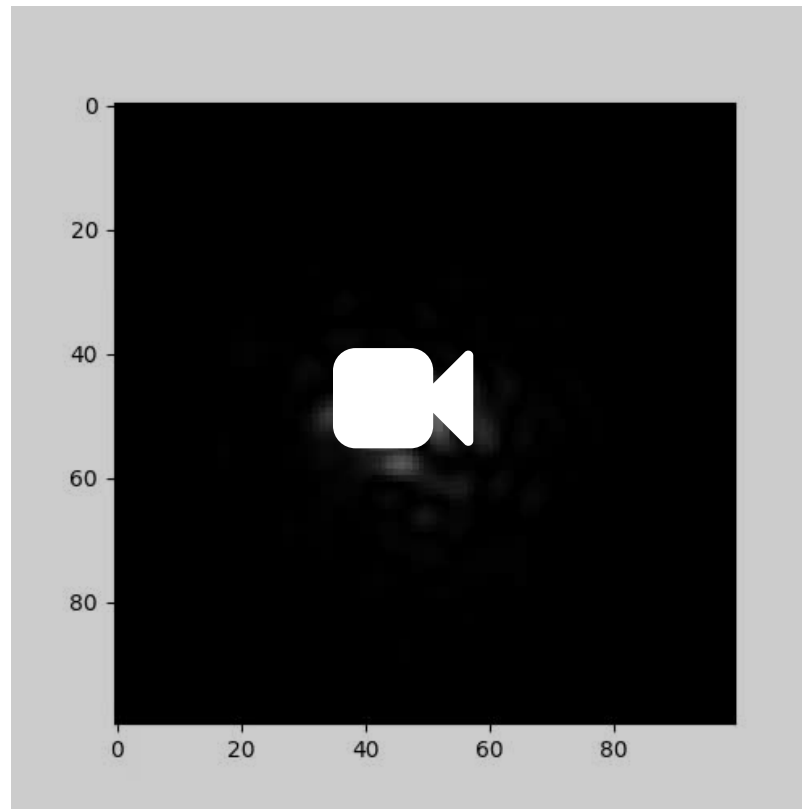# Aliasing of higher-order WFE is a significant part of the error budget

Gladysz 2016

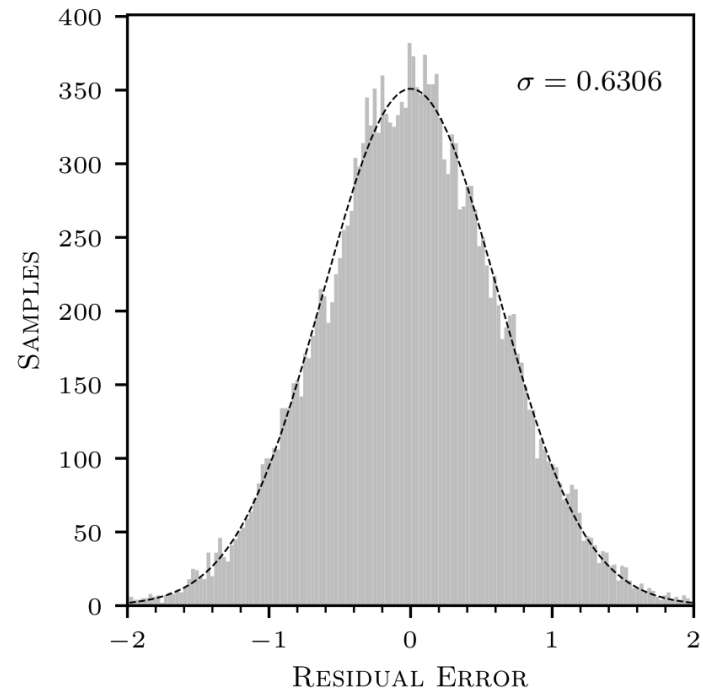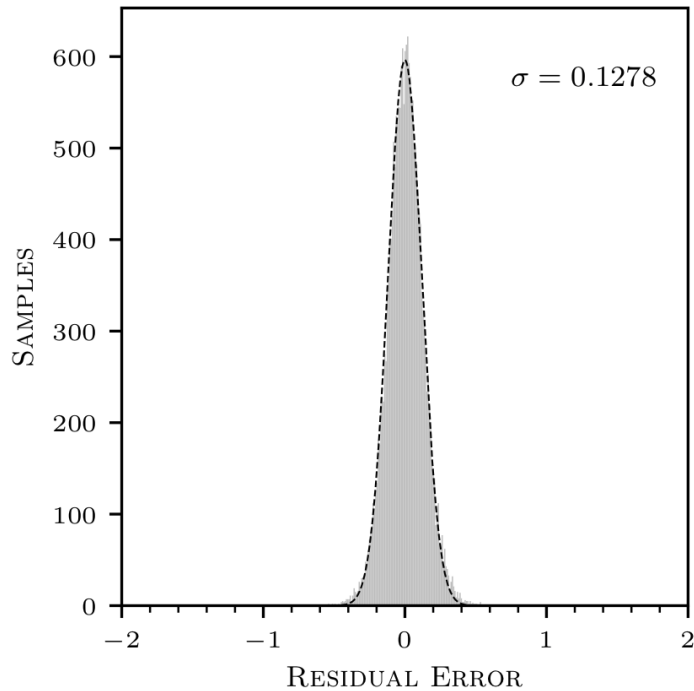# Image processing can alter the effects of coma

Tokovinin 2002

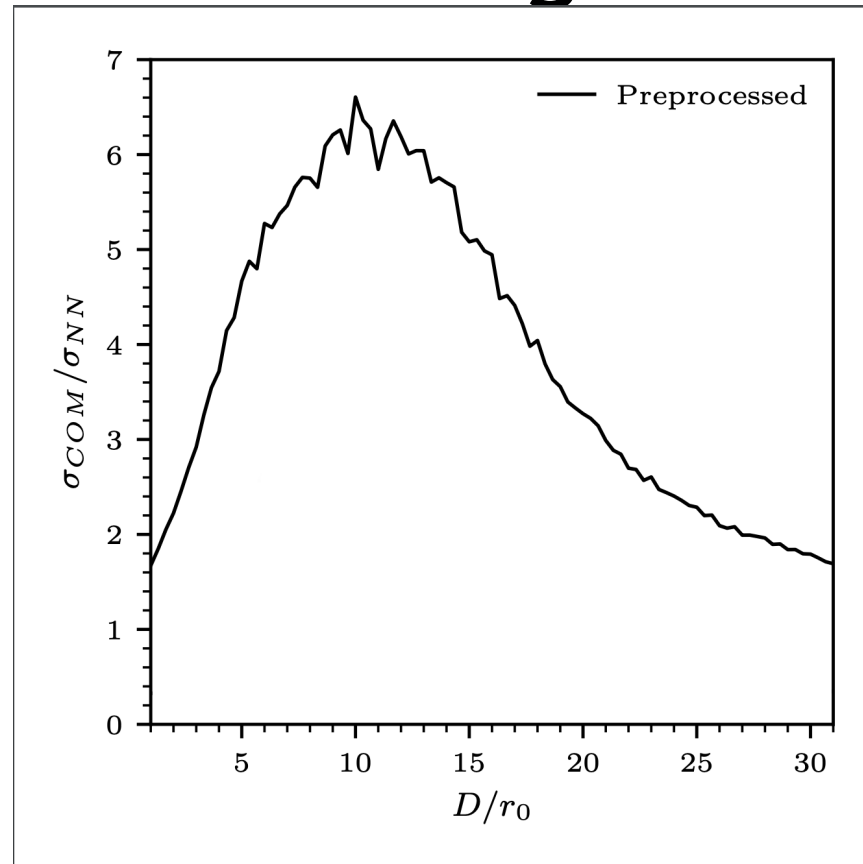# Apply machine learning to simulated images

MegaScreen
wavefronts

Works well on well-sampled images

Needs to be trained for the seeing

Degrades if undersampled