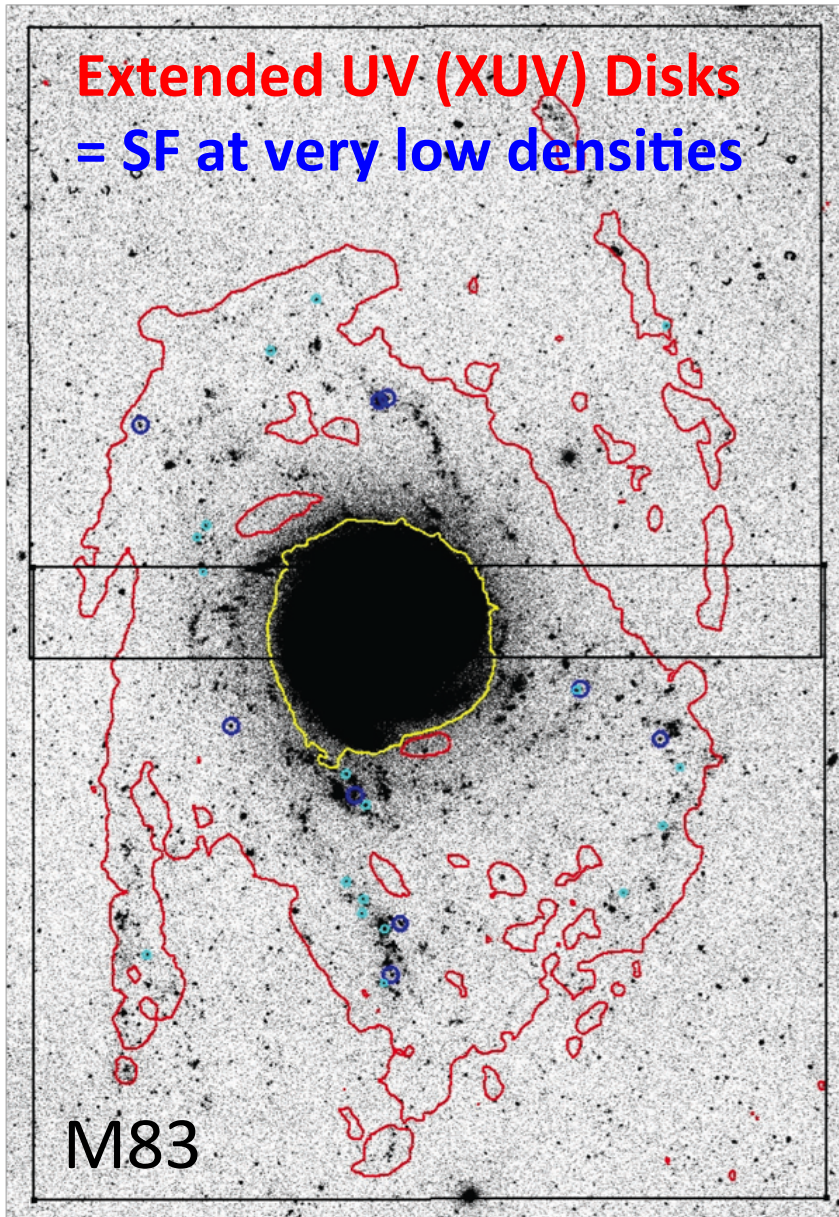


Deep H α Imaging Survey of XUV Disks with Suprime-Cam

Koda, Yagi, Imanishi, Komiyama, Thilker, Boissier, Gil de Paz, Bouquin, Donovan Meyer, Madore, Boselli



IMF variation?

Suggested at low densities

GALEX UV + Subaru H α \rightarrow IMF

UV: O&B stars, H α : O stars

Plus, BRI photometry for cluster mass determination

Pilot M83 study (Koda et al. 2012)

\rightarrow No variation, but poor statistics

Survey Status (plan 10 galaxies)

7 galaxies observed by Dec 2013

