

PFS : a wide field spectrograph on Subaru.

lundi 28 novembre 2022 17:00 (30 minutes)

PFS is a unique wide field multiplex spectrograph with a 1.3 deg^2 f.o.v. and covering the wavelength domain: $0.38\text{-}1.26\mu\text{m}$. PFS will start operating mid 2024. It will perform a 360 nights survey with three components: a cosmology survey to investigate the dark sector; an archeology survey for the origin of the milky way and nearby dwarf galaxies; a galaxy evolution survey to reveal the cosmic web between $0.8 \leq z \leq 2$ as traced by galaxies + HI gas and explore the high redshift universe. In this talk I will present PFS and the three components of the “Subaru Strategic Program” survey.

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Classification de Session: Science talks