Integral Field Spectroscopy of the Interacting Radio Galaxy PKS 1934-63Nathan Roche¹, Andrew Humphrey¹

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Abstract

We present new results from VLT MUSE integral field spectroscopy of PKS 1934-63, a young/compact radio-loud AGN with strong [OI]6300 and [OIII] emission and a massive galaxy undergoing a major merger, with extensive star-formation visible in H α and [NII]6584. We analyze the kinematics and line ratios of the AGN and star-forming components of this double-galaxy system, with MUSE's combination of high spatial and spectral resolution.