

The Karl G. Jansky VLA Sky Survey (VLASS): Defining a New View of the Dynamic Sky

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Abstract

NRAO recently announced the VLA Sky Survey (VLASS) initiative to design and prosecute a new generation centimeter-wave synoptic sky survey using the newly upgraded Karl G. Jansky Very Large Array (VLA). The parameters of the survey will be defined by an open process guided by a community-led Survey Science Group (SSG). A call for White Papers has been issued to the community, as input to the upcoming VLASS Science Planning Workshop to be held on Jan 5, 2014 adjacent to the AAS meeting in Washington, DC. All interested members of the physics and astronomy community are welcome to participate. In this presentation we summarize the capabilities of the VLA