A SYNOPTIC VIEW OF THE MAGELLANIC CLOUDS:
VMC, GAIA AND BEYOND

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SMASH Data Release 2

Nidever David, Montana State University, USA
and the SMASH team

SMASH (Nidever et al. 2017) uses deep photometry (∼24th mag) to study the stellar populations of the Magellanic Clouds. The dataset consists of ∼5,000 images from the 520 megapixel, 3 square degree field-of-view Dark Energy Camera (DECam) on NOAO's 4-m Blanco telescope. The data map 480 square degrees and sample an area of over 2,400 square degrees around the Magellanic Clouds. Data Release 2 (DR2) contains 197 DECam fields and, for the first time, includes data on the central regions of the Magellanic Clouds. The DR2 catalog contains 4 billion measurements of 420 million objects. The mosaic images were generated using 1180 DECam images of the Large Magellanic Cloud and 448 DECam images of the Small Magellanic Cloud. The three color channels are Red: i-band, Green: r-band and Blue: g-band.