NASA Supercomputing Conference

Montage: A portable, compute-intensive service that will deliver science-grade mosaics on-demand, with requests made through existing astronomical portals

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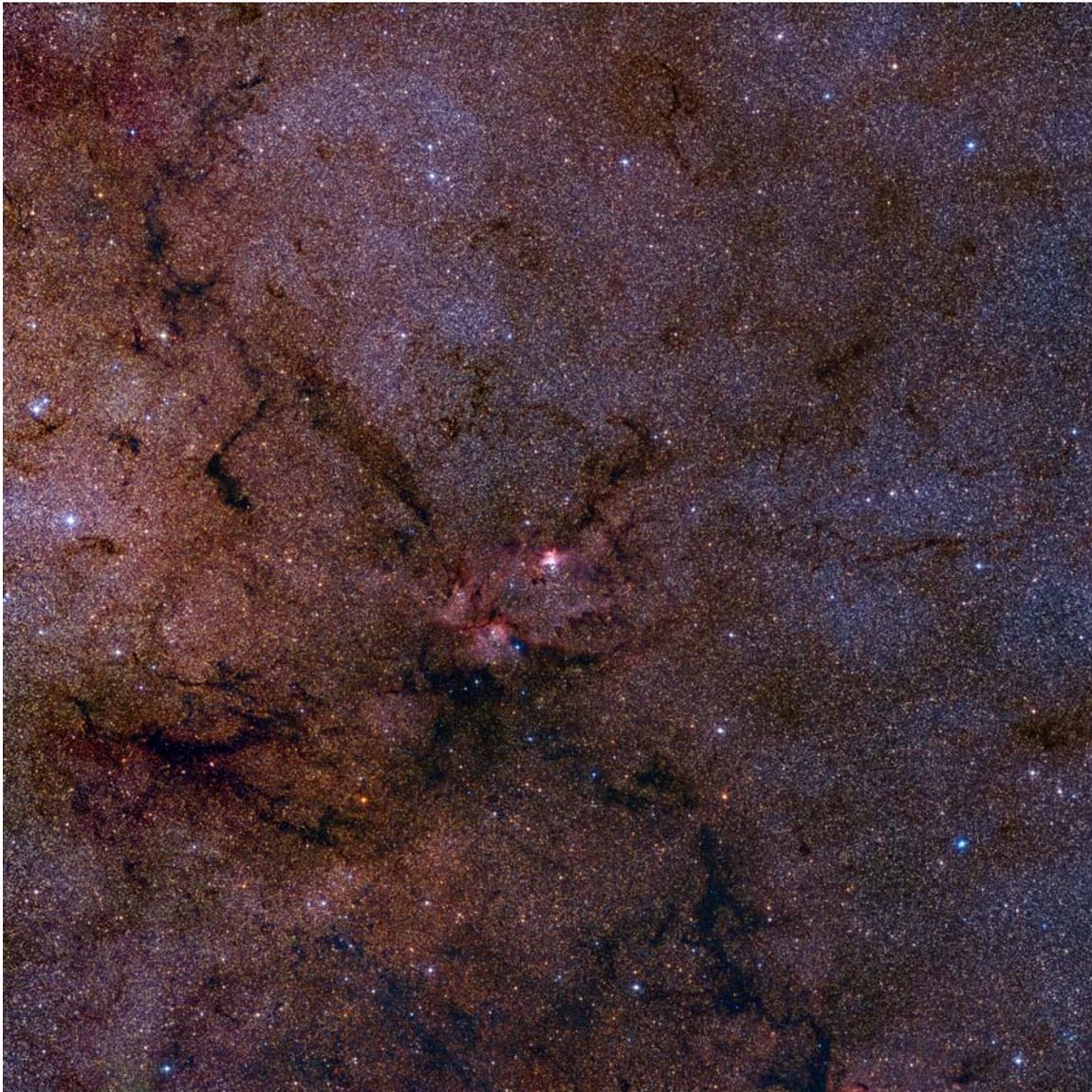
Dust clouds and nebulosity in the plane of our Galaxy as captured by the 2 Micron All Sky Survey (2MASS). The bright pinkish spots just below the center make up the War and Peace Nebula (NGC 6357). This 12,000 x 12,000 pixel mosaic was constructed from 347 individual images in each of three near-infrared wavelengths: J (1.25 μm), H (1.65 μm), and K (2.2μm).