

# Seeing Infrared

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While the public has become familiar with a variety of ways of seeing the universe through the artificial eyes of telescopes on Earth and in space, NASA's Spitzer Space Telescope presents new challenges for scientific visualization. In an embarrassment of riches, Spitzer images the sky in 7 different bands, spanning over a factor of 50 in wavelength (and thusly in resolution). A variety of techniques, and sometimes tricks, have been developed to display this imagery alone and with other wavelength regimes. Likewise, even artist's visualizations often require an extra twist, contrasting an object's visible light appearance with what the infrared reveals. The presentation will cover various examples of different problems and solutions, and will hopefully encourage discussion of successes, failures, and even new suggestions.