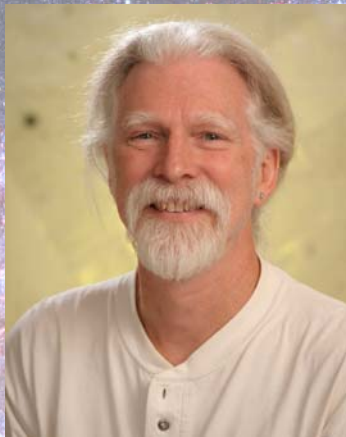


MONDAY, OCTOBER 6TH



Dr. Steve Howell
NASA Ames Research Center

4:00 PM in TH 411
Refreshments served at
3:50 PM

A New High-Resolution Imaging View of Exoplanet Host Stars



Abstract:

Based on our past two years of speckle imaging at Gemini-N and our past 5 years of related observations at other observatories, this talk will summarize what we have learned about exoplanet host stars in terms of the binary fraction of exoplanet host stars, and how we can observationally validate Earth-size exoplanets. Finally, a summary of these new results and their impact on our understanding of exoplanets, in particular their radius and their location in the habitable zone, will be discussed.



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