

The Keck I/HIRES and TNG/SARG Radial Velocity Survey of Speckle Binaries

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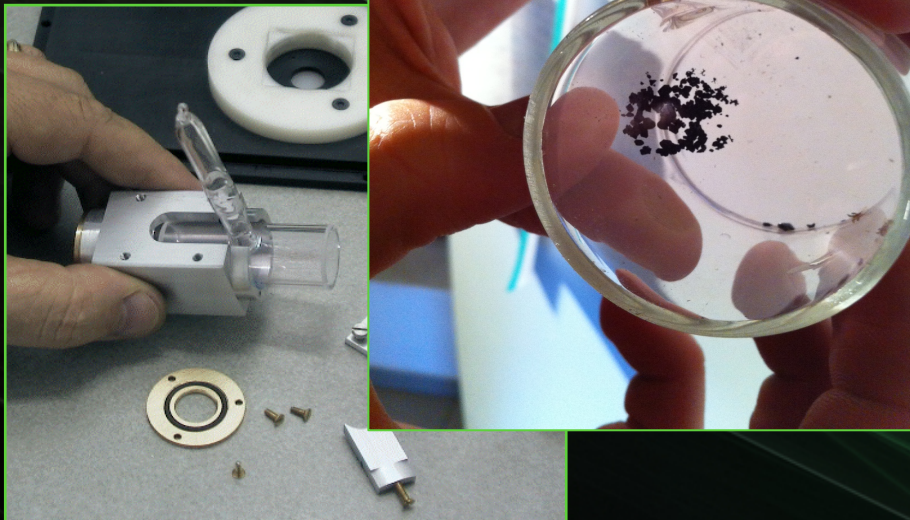
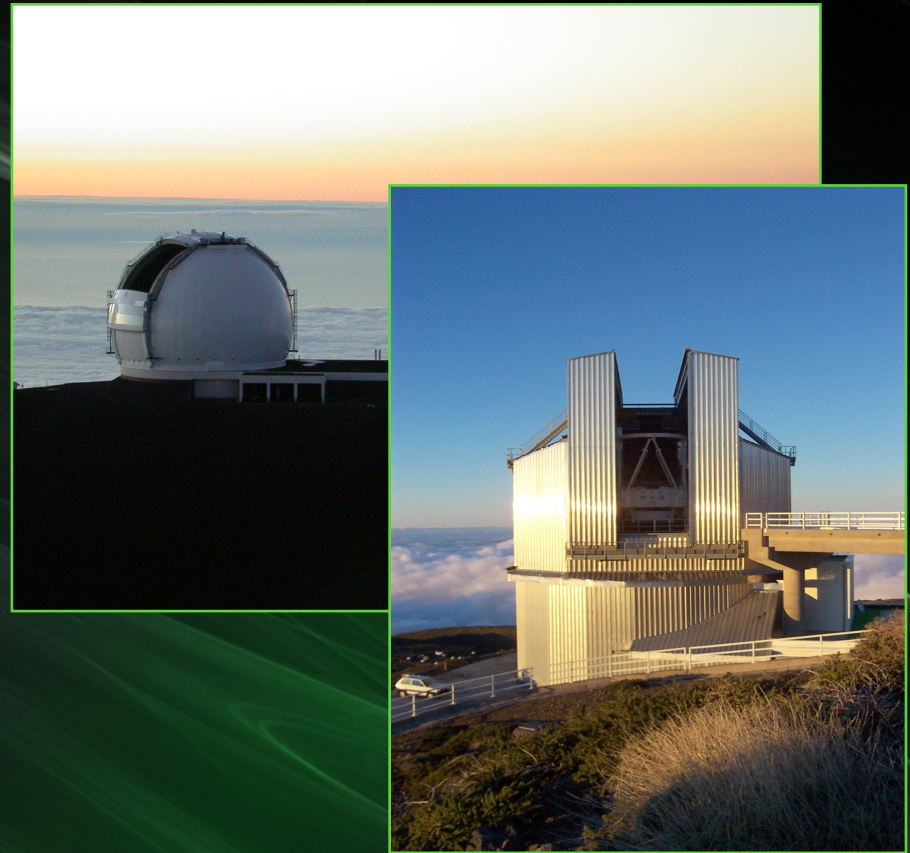
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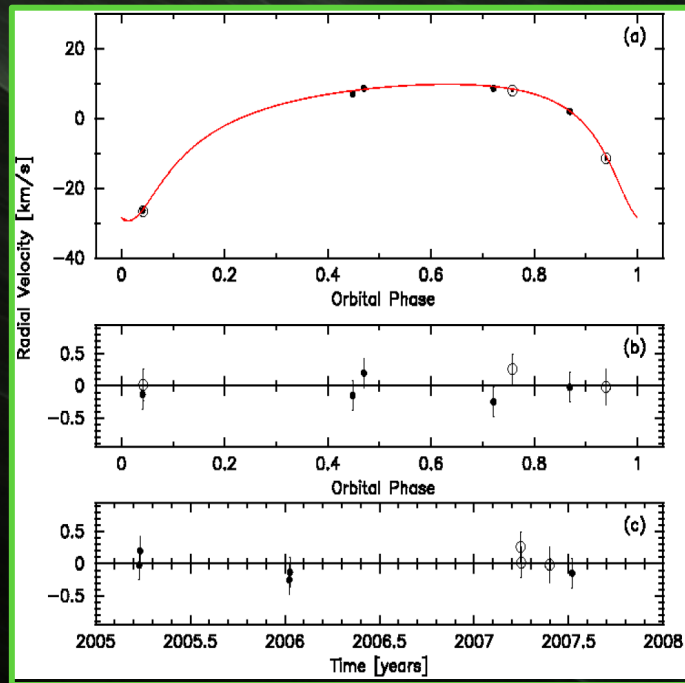
- Keck I & TNG telescopes
- 150 speckle binaries
- separation: 0.3" – 0.5"
- 4 years campaign
- goal: detection of substellar or planetary companions



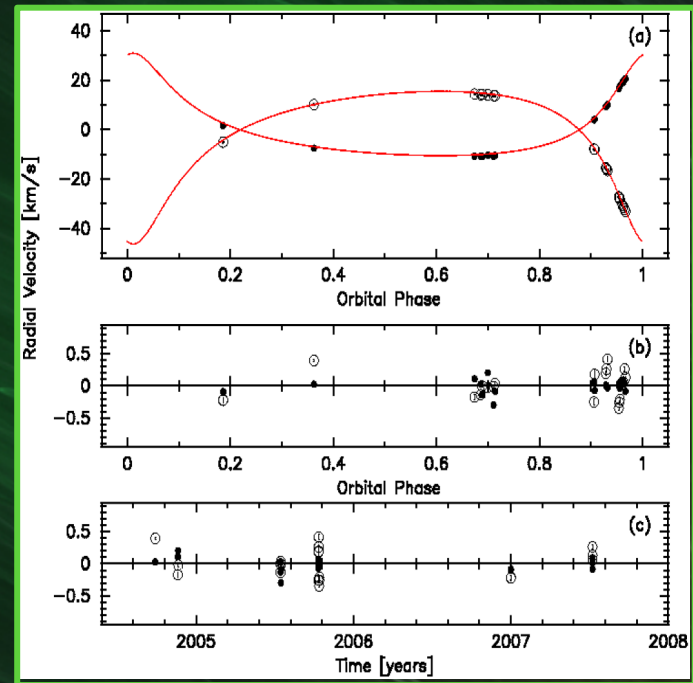
- HIRES & SARG spectrographs
- iodine cell
- method by Konacki (2005)
- goal: precise RV of both components

Results

- new triple systems
- third component orbit determination
- improved orbits for several systems



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HD185082



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