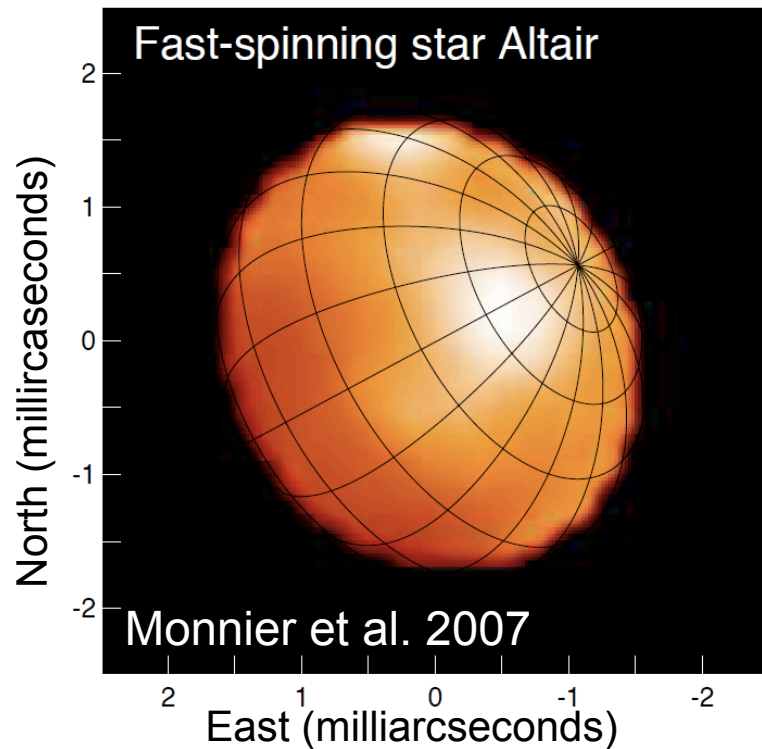


# Imaging Stars with CHARA-MIRC

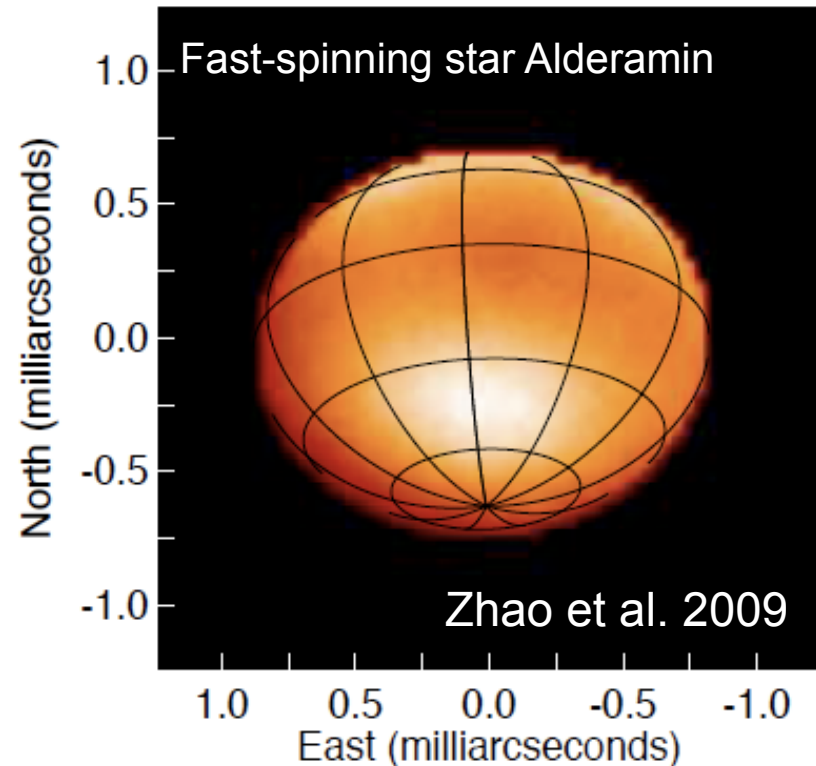
*Ming Zhao, John Monnier (University of Michigan)*

## First images of MS stars other than the Sun

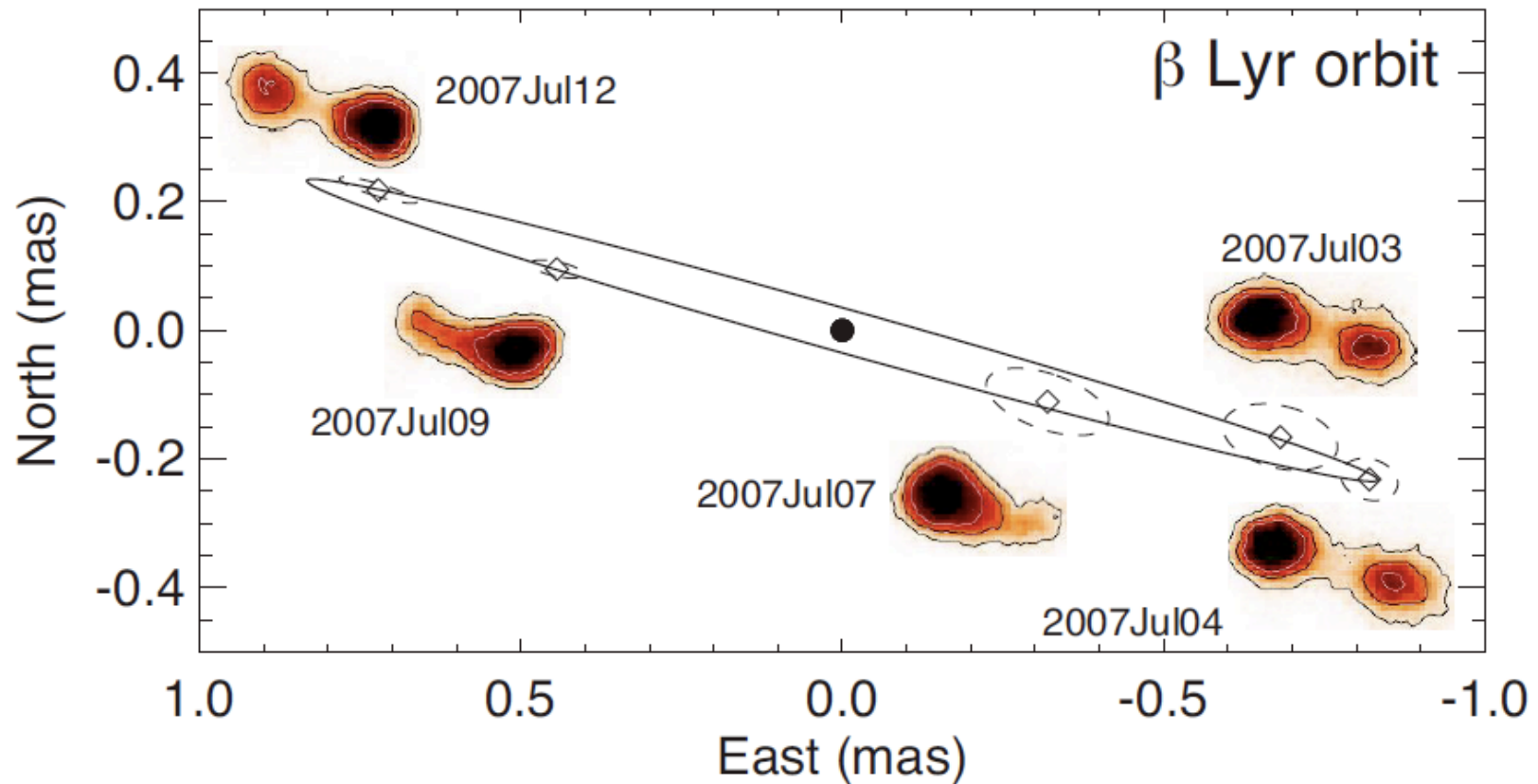
- **Altair ( $\alpha$  Aql)**
- ~90% of break-up, 8.6 hrs/cyc
- $R_{eq}/R_{pol} = 1.24$
- $T_{pol} - T_{eq} = 1600K$



- **Alderamin ( $\alpha$  Cep)**
- ~93% of break-up, 12.46hrs/cyc
- $R_{eq}/R_{pol} = 1.26$
- $T_{pol} - T_{eq} = 2000K$



# First Resolved Images of $\beta$ Lyr



- Orbit:  $i \sim 92$  degs
- Mass:  $M_{\text{donor}} = 12.8 \pm 0.3 M_{\text{sun}}$ ;  $M_{\text{gainer}} = 2.8 \pm 0.2 M_{\text{sun}}$

# First Resolved Images of $\beta$ Lyr

