

Howard Astronomical League



January 21st, 2016

Introductions

Last chance to run for a
HAL Board position!
Stand up and nominate yourself



Star Parties and public outreach!

Members Star Party
March 5, 2016

Public Star Party
March 19, 2016



Member's astrophotos and sketches

John Gladden

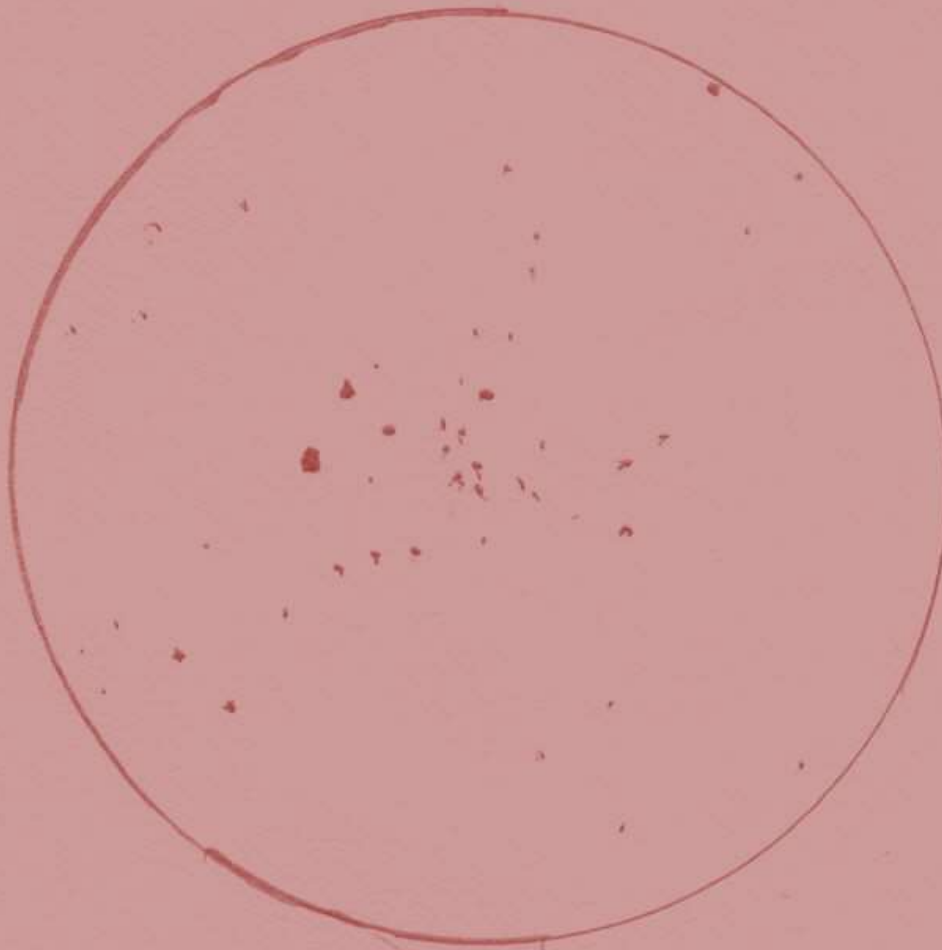


1/21/2016

OWL

C 8
AstroTech
30MM

4







Brad Sheard

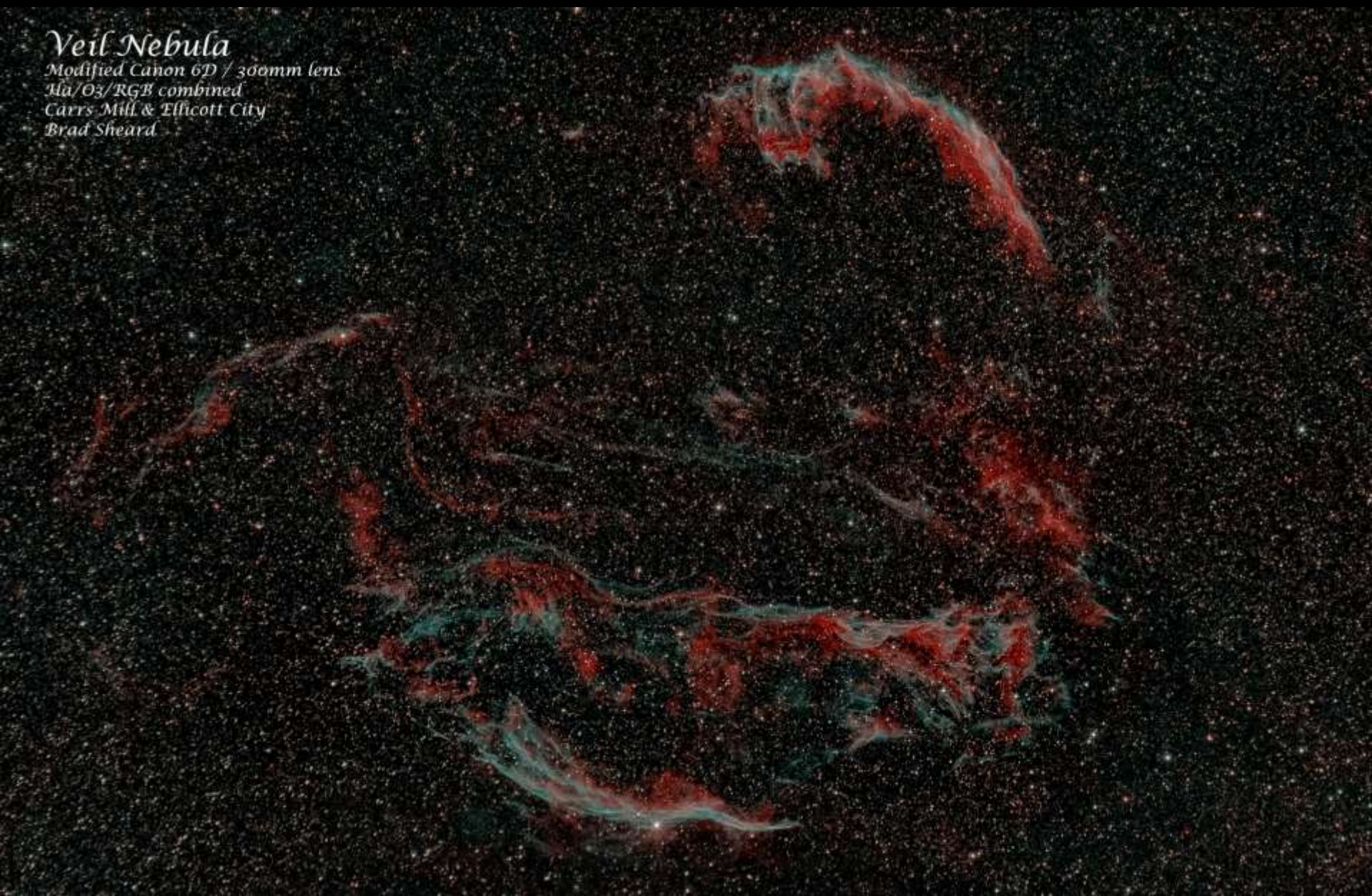
Veil Nebula

Modified Canon 6D / 300mm lens

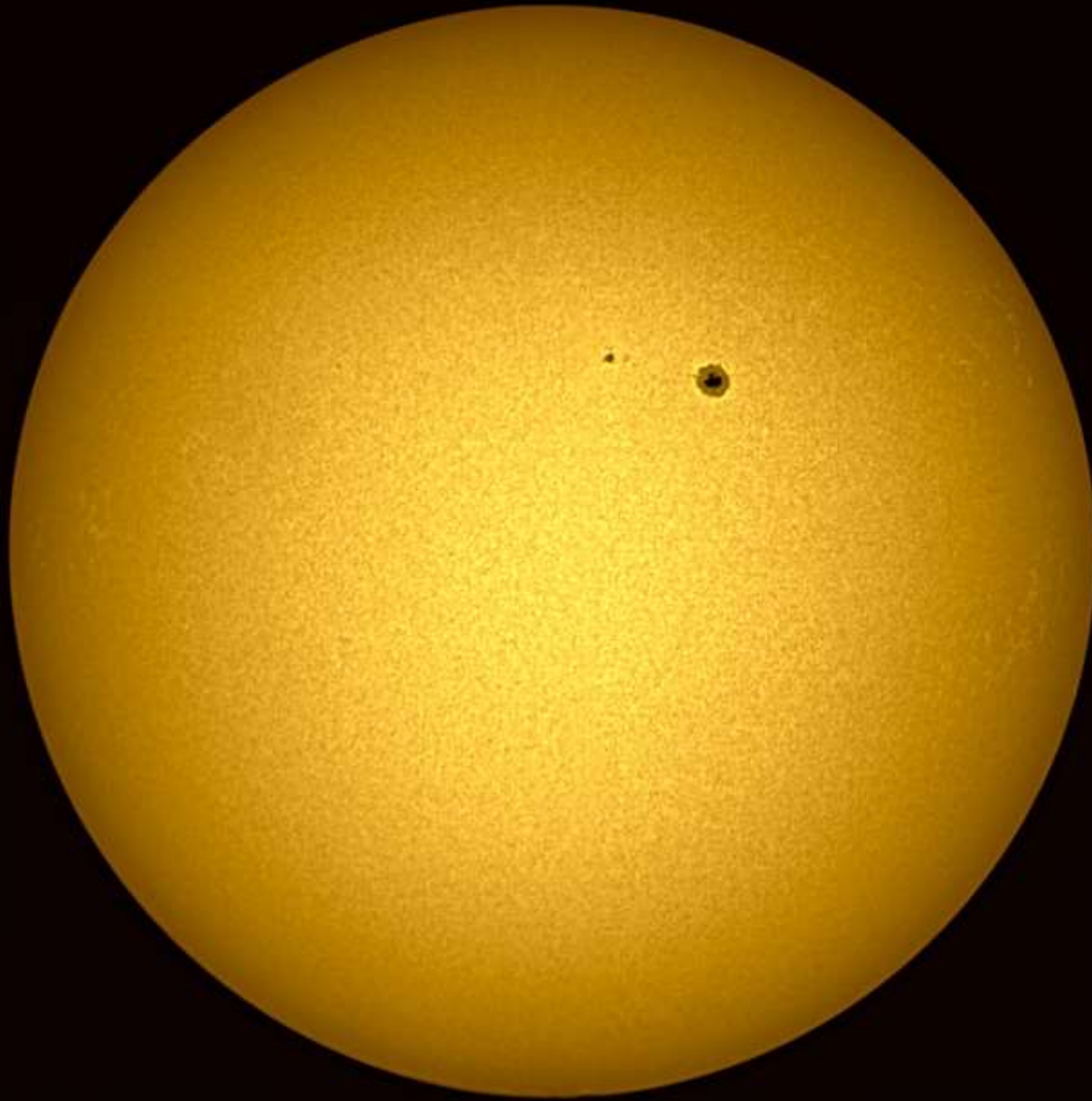
H α /O3/RGB combined

Carrs Mill & Ellicott City

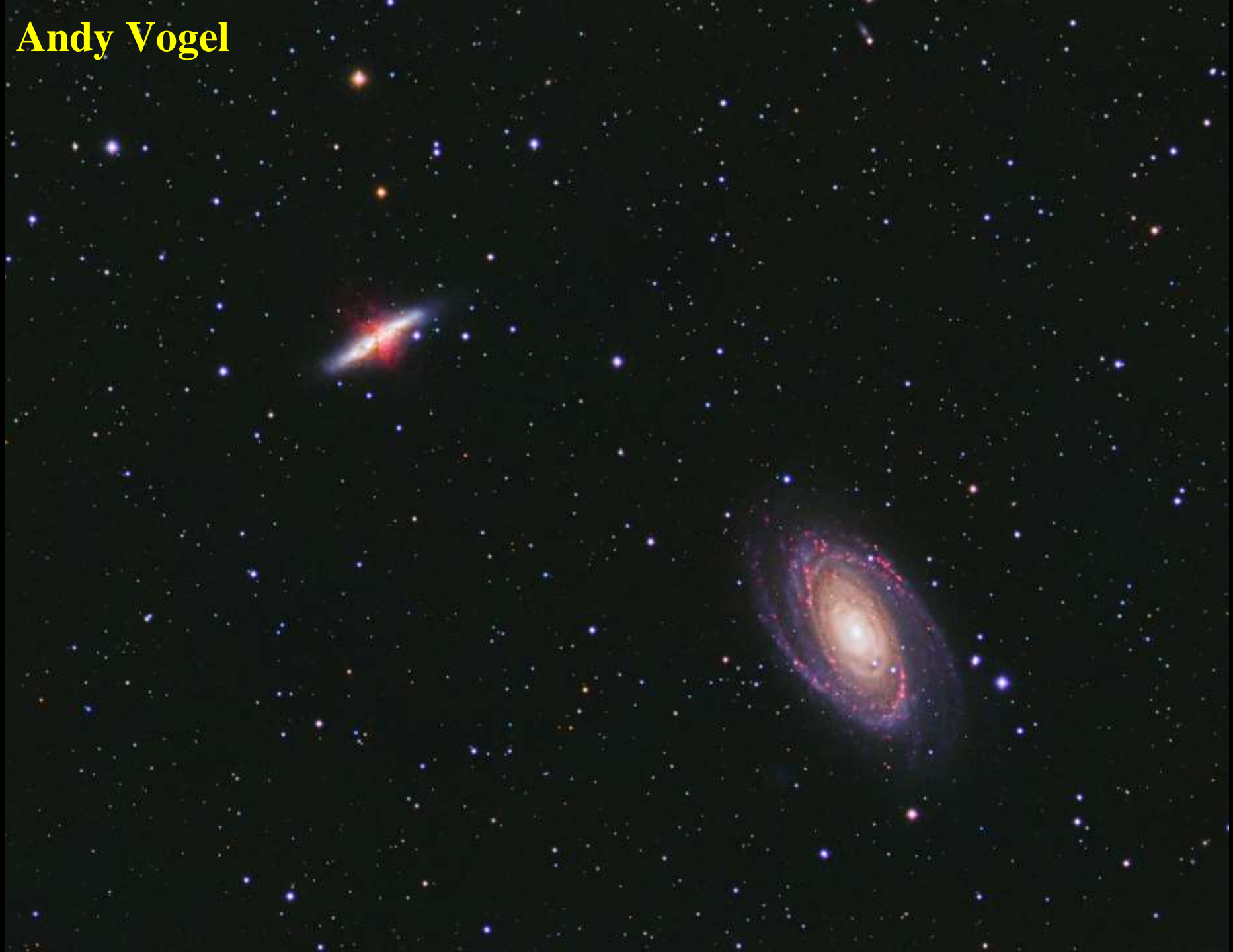
Brad Sheard



Andy Vogel

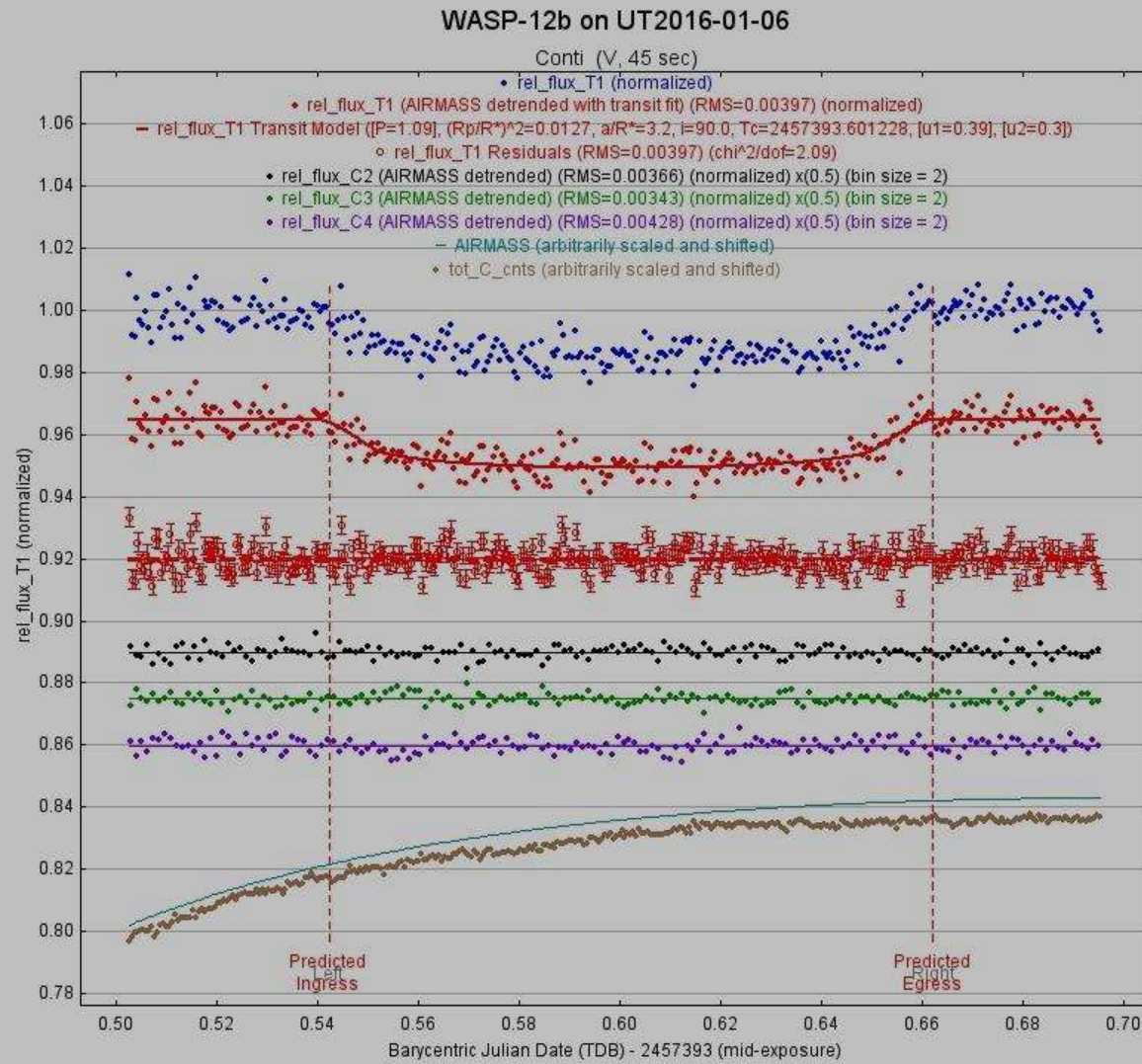


Andy Vogel



Andy Vogel





Accuracy of Model Fit Results

Parameter	Model Fit	Published	Accuracy
Transit depth	0.0127	0.0138	92.0%
Transit duration	176.7 min.	175.7 min	99.4%
Orbit radius	0.024 au	0.023 au	95.7%
Orbit inclination	90 °	82.5 °	90.9%
Planet radius	1.79 _{Jup}	1.79 _{Jup}	100%

2015
Treasurer's
Report

Telescope Collimation: You Think You Have It Bad!

Wayne Baggett
Howard Astronomical League
January 21, 2016

2016

HAL Elections

President: Chris Todd

First V.P.: Wayne Baggett

Second V.P.: Mike Krauss

Treasurer: Bob Savoy

Secretary: Jim Johnson

Events Coordinator: Joel Goodman