Don S. Goldman

President, Astrodon Imaging,

Orangevale, CA. Founded in 2002 to develop and provide LRGB and narrowband imaging filters for astrophotography and photometric filters for astronomical research. Additional telescope accessories for imaging include off-axis guiders and remotely-controlled camera rotators.

Founder and Past Presdent, Optical-Solutions, Inc, Roseville, CA. Founded in 1993 and sold in 2005. Designed, manufactured and sold fiber optic chemical analyzers for on-line, real-time chemical monitoring of manufacturing processes. These included UV/VIS/NIR filter photometers and diode array spectrophotometers.

Education
B.S. Geology, U. Washington
Ph.D. Analytical Spectroscopy, California Institute of Technology (took field geology from Gene Shoemaker; analyzed lunar rocks as a research assistant)
M.B.A. U. Washington

Honors, Awards and Memberships
14 U.S. patents, including several classified patents
Over 25 peer-reviewed papers in the mineralogy and glass research literature
6 invited talks at astronomy conferences
2 workshops on narrowband image processing
2 articles in Sky and Telescope
2009 Clyde Tombaugh award from Riverside Telescope Makers Conference
Melotte15 Image on the cover of Sky and Telescope's 2010 *Beautiful Universe*
Member of AAVSO and SAS

NEAIC 2010
Focusing is something we do almost without thinking. We know best focus when we see it. We have been taught the concept of the critical focus zone, a region within which you can move your focuser and not change the size of your stars. This talk questions the validity of that concept and shows you that we can indeed focus better. The implications are discussed, including the importance of high-precision focuers, using filter offsets during data acquisition and a new perspective on the meaning of "parfocal".