

Giants of Eclipse

Monterey, CA, USA 28 July-2 August 2013

Source: JPL

Binary stars, particularly those that undergo atmospheric eclipses, offer key constraints for stellar-evolution theories as well as precise determinations of stellar parameters.

“Giants of Eclipse” focuses on two themes:

- (a) ζ Aurigae systems, and
- (b) ϵ Aurigae, whose rare but recent eclipse attracted far more observers, and more diverse telescopes, methods and models, than ever before.

Topics:

- * Eclipsing binaries as astrophysical calibrators
- * Stellar chromospheres and coronae
- * Imaging, interferometry; magnetism, spectropolarimetry
- * Modelling, binary evolution and mergers,

with special emphasis on

- * ζ Aurigae binaries and atmospheric eclipses
- * ϵ Aurigae: new observations, interpretations

aas.org/meetings/aastcs3
for more meeting info:



Workshop sessions each afternoon will also feature special-interest discussions of selected phenomena, data, methods, instrumentation, etc.

Attendance is open to both professional and amateurs, especially those involved in the recent ϵ Aurigae campaign. Contributions to plenary sessions, or as posters, are invited. Suggestions for workshop topics are also welcome.

SOC: Robert Stencel, Elizabeth Griffin (co-chairs)
Graham Harper, Hal McAlister, Mercedes Richards,
Klaus-Peter Schroeder, Wendy Hagen Bauer,
Joel Eaton, Peter Eggleton, Andrea Dupree.

Pre-register now for further information

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Source: NASA-SDO