

Betelgeuse and the red supergiants

Jacco Th. van Loon

Keele University, UK

Betelgeuse is one of the most magnificent stars in the sky, and one of the nearest red supergiants. Astronomers gathered in Paris in the Autumn of 2012 to decide what we know about its structure, behaviour, and past and future evolution, and how to place this in the general context of the class of red supergiants. Here I reflect on the discussions and propose a synthesis of the presented evidence. I believe that, in those four days, we have achieved to solve a few riddles.

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Comments: Summary talk of the Betelgeuse workshop, November 2012, Paris.

Email: j.t.van.loon@keele.ac.uk