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Title of Talk: The Great All-American Solar Eclipse of 2017

On August 21, 2017, a total eclipse of the Sun will occur over a path that extends over the U.S. from the Atlantic to the Pacific. Solar eclipses are a breathtaking phenomenon to experience first-hand, and they have also been the source of entirely new insights into the Sun, stars, and cosmos. I will demonstrate how eclipses work and show how total eclipses have been fundamental historically and remain important today.

David Soderblom has been an Astronomer at the Space Telescope Science Institute since 1984. His research interests include stars like the Sun and how those stars help illustrate the life history of the Sun.