

***The Sun in Stellar Context: Stellar Windows into Solar Magnetic Evolution***

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The last 10 years have seen sudden and dramatic improvements in our understanding of stars, thanks to the launch of space photometry missions such as Kepler and TESS. These missions have enabled asteroseismology of hundreds of Sun-like stars, and the measurement of starspot modulation in tens of thousands. Rotation and magnetism are inextricably linked in the Sun, and these datasets have now enabled us to explore that link in other stars at other phases of stellar evolution with unprecedented precision. The results have been surprising: we have evidence that middle-aged stars undergo a transition in their magnetic properties, manifested in both their rotational behavior and magnetic activity. I will discuss the lines of evidence for this midlife magnetic crisis, and the possible implications for our own middle-aged star.