

Science News & Journal Club Public Talk



时 间: 2017年11月17日 12:15 - 1:45pm

地 点: 紫台2号楼411会议室

Science News:

报 告 人: 潘梦睿

Journal Club Public Talk:

报 告 人: 何治宏

报告题目: **Comparison of Photometric and Trigonometric distance scales based on GAIA TGAS data**

报告摘要: The open star clusters in Milky Way have been studied for hundreds of years, hitherto, about 3,000 ones have been identified through kinetic and photometric selection. And so far, the studies of their photometric distance are strongly depend on stellar evolutionary models, but now the astrometric satellite GAIA could provide a systematic distance measurements by trigonometric parallax observation of stars. In this talk, I will introduce a recent research of comparison between two methods and discuss the results. With a good agreement between the trigonometric TGAS-based and the photometric MWSC-based distance scales of open clusters, the cluster's isochrone fittings are sufficiently well calibrated.

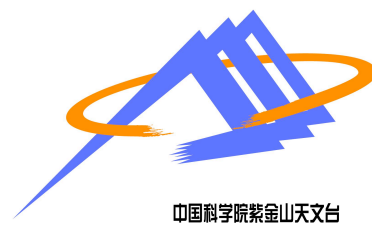
主要参考文献:

A&A 601, A19 (2017)

A&A, 558, A53 (2013)

A&A 438, 1163–1173 (2005)

欢迎大家
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