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国台学术报告 NAOC COLLOQUIUM

2016 年 第 20 次 / No. 20 2016

Time: Wednesday 2:30 PM, July 6 **Location: A601 NAOC**

Advanced Stellar Population Synthesis and its Application

Prof. Zhongmu Li

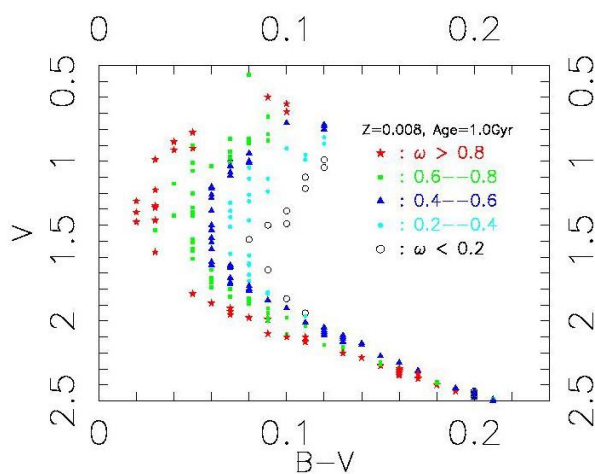
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Prof. Zhongmu Li, who is the head of institute of astronomy and history of science and technology of Dali University, got the PhD degree from Yunnan observatory, CAS in 2008, and became a professor in 2010. He did postdoc research between 2009 and 2013 in NAOC. He works on the theory, method and application of stellar population synthesis. By now, he has 41 publications, including 17 SCI papers as the first author. His researches have been supported by 3 projects of NSFC. This year, he won a natural science prize awarded by Yunnan province.

Abstract

As a main part of galaxies and star clusters, the population of stars plays important role. Stars can help us to understand a lot about galaxies and star clusters. I introduce my works about how to better determine a few important parameters of galaxies and star clusters, via their observed spectra, colours and colour-magnitude diagrams. Some works from year 2006 will be summarized and a new model, advanced stellar population synthesis (ASPS), will be particularly introduced. The new model is helpful for not only better modeling the stellar populations of galaxies and star clusters, but also better determining some parameters. The main features and application of ASPS will be shown.



All are welcome! Tea, coffee, biscuits will be served at 2:15 PM.