



# 讲座题目：宇宙奥秘——天文科普讲座

报告人：柯文采 教授

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时 间：2011年3月16—19日 每晚7—9点及  
19日上午9—11点

地 点：贵州大学北校区FAST公寓报告厅  
(校保卫处后面)

## 内容提要：

Astronomy is the oldest of all of the natural sciences, and its origins are bound up in ancient religious, mythological, and astrological practices. Through the ages, enlightening discoveries by masterminds, such as Aristotle, Copernicus, Newton, Einstein, and Hubble, have transformed astronomy into a modern science. Nowadays, astronomers use powerful Earth- and space-based telescopes, interplanetary missions, and supercomputers to delve into the secrets of the Universe. Despite these fundamental changes in the science of Astronomy, astronomers still focus on answering the "big questions" that have occupied mankind for centuries, such as "Where does the Universe come from?", "What is the fate of the Earth and of our Sun?" and "Is there life elsewhere in the Universe?" This lecture series will provide students with an overview of astronomical research covering a wide range of topics, including the history of astronomy, the planets in our solar system, the birth, life and death of stars, black holes, galaxies, the Big Bang theory, cosmology, the search for extraterrestrial life, and space exploration. The lecture series is suitable for all students with a general interest in astronomy and cosmology.

本系列英语讲座适合有一定英语基础、对天文学和宇宙学感兴趣的本科生、研究生。讲座采取交互讲课方式，对同学提出的疑问，老师当场给予解答。

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