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国台学术报告 NAOC COLLOQUIUM

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Time: Wednesday 2:30 PM, May 27 **Location: A601 NAOC**

The Statistical Applications on the Galaxies and AGNs in the Sloan Digital Sky Survey

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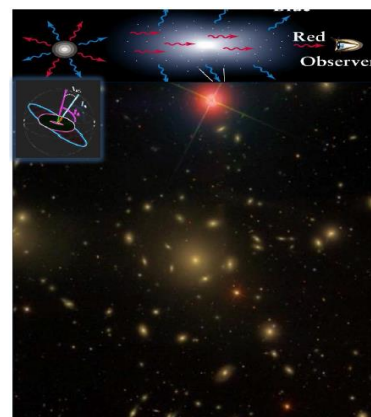
Shanghai Astronomical Observatory (SHAO)



Shiyin Shen obtained his bachelor degree from Chongqing University, majored in Applied Chemistry. After that, he became a postgraduate student of Shanghai Astronomical Observatory from 1998, majored in Astrophysics. He then became an exchange Ph.D student in Max-Planck Institute for Astrophysics from 2001 to 2004. In 2004, he came back to SHAO and worked there as a faculty member so far. He mainly works on statistical studies of galaxies and QSOs and is also involved in X-ray astronomy.

Abstract

The Sloan Digital Sky Survey(SDSS) provides the largest spectroscopic samples of galaxies and AGNs by far. Statistical applications on these large samples have revealed lots of clues on the formation and evolution of galaxies and AGNs. In this talk, I will present our statistical applications on the galaxies and QSOs in SDSS: (1) the statistical nature of the brightest group galaxies; (2) the tilt angle between the accretion disk and stellar disk; (3) the cosmic dust extinction implicated from the composite QSO spectrum.



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