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国台学术报告 NAOC COLLOQUIUM

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Time: **Wednesday 2:30 PM, Jan.20th** Location: **A601, NAOC**

Resources and Services at National Astronomical Data Center

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Chenzhou Cui arrived at NAOC or Beijing Astronomical Observatory (BAO) in summer of 1997 as a graduate student. He received his PhD from NAOC in 2003. He is now a Professor and the Principal Investigator of China-VO research group, NAOC. He is also the Chair of the International Virtual Observatory Alliance and Deputy Director of National Astronomical Data Center. He is particularly interested in Virtual Observatory, astroinformatics, cloud computing, science platform and data-driven education and public outreach.

Abstract

It is not a talk about science but one for doing better science. The Virtual Observatory (VO) is the vision that astronomical datasets and other resources should work as a seamless whole. It is also a data-intensively online astronomical research and education environment, taking advantages of advanced information technologies to achieve seamless, global access to astronomical information. Many projects and data centers worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) was formed in June 2002 with a mission to facilitate the international coordination and collaboration necessary for the development and deployment of the tools, systems and organizational structures necessary to enable the international utilization of astronomical archives as an integrated and interoperating virtual observatory. Chinese Virtual Observatory (China-VO) is the national VO project in China initiated in 2002 by Chinese astronomical community leading by National Astronomical Observatories, CAS. In June 2019, National Astronomical Data Center (NADC) was announced by Chinese government as one of the first 20 national scientific data centers. In the talk, a brief introduction about the idea of VO, an overview of the IVOA and current status the China-VO will be given. Resources and services provided by the NADC will be introduced in detail.



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