

7th China-Chile Bilateral Conference for Astronomy



Contribution ID: **118** Contribution code: **CC07**

Type: **Talk**

An Introduction to the China Space Station Survey Telescope (CSST)

Monday, January 5, 2026 2:25 PM (25 minutes)

The Chinese Space Station Survey Telescope (CSST) is an upcoming Stage-IV sky survey telescope, distinguished by its large field of view (FoV), high image quality, and multi-band observation capabilities. It can simultaneously conduct precise measurements of the Universe by performing multi-color photometric imaging and slitless spectroscopic surveys. The CSST is equipped with five scientific instruments, i.e. Multi-band Imaging and Slitless Spectroscopy Survey Camera (SC), Multi-Channel Imager (MCI), Integral Field Spectrograph (IFS), Cool Planet Imaging Coronagraph (CPI-C), and THz Spectrometer (TS). In this talk, on behalf of the CSST collaboration, I'll give a brief introduction to the CSST.

The introduction paper of the CSST is presented here at <https://ui.adsabs.harvard.edu/abs/2025arXiv250704618C/abstract>

Author: Prof. ZHENG, Zhen-Ya (Shanghai Astronomical Observatory, CAS)

Co-author: CSST COLLABORATION

Presenter: Prof. ZHENG, Zhen-Ya (Shanghai Astronomical Observatory, CAS)

Session Classification: Invited talk(s)

Track Classification: CC07: New Facilities and Astronomical Instrumentation