

# Proposal for CPOD (++) 2027 in Lanzhou



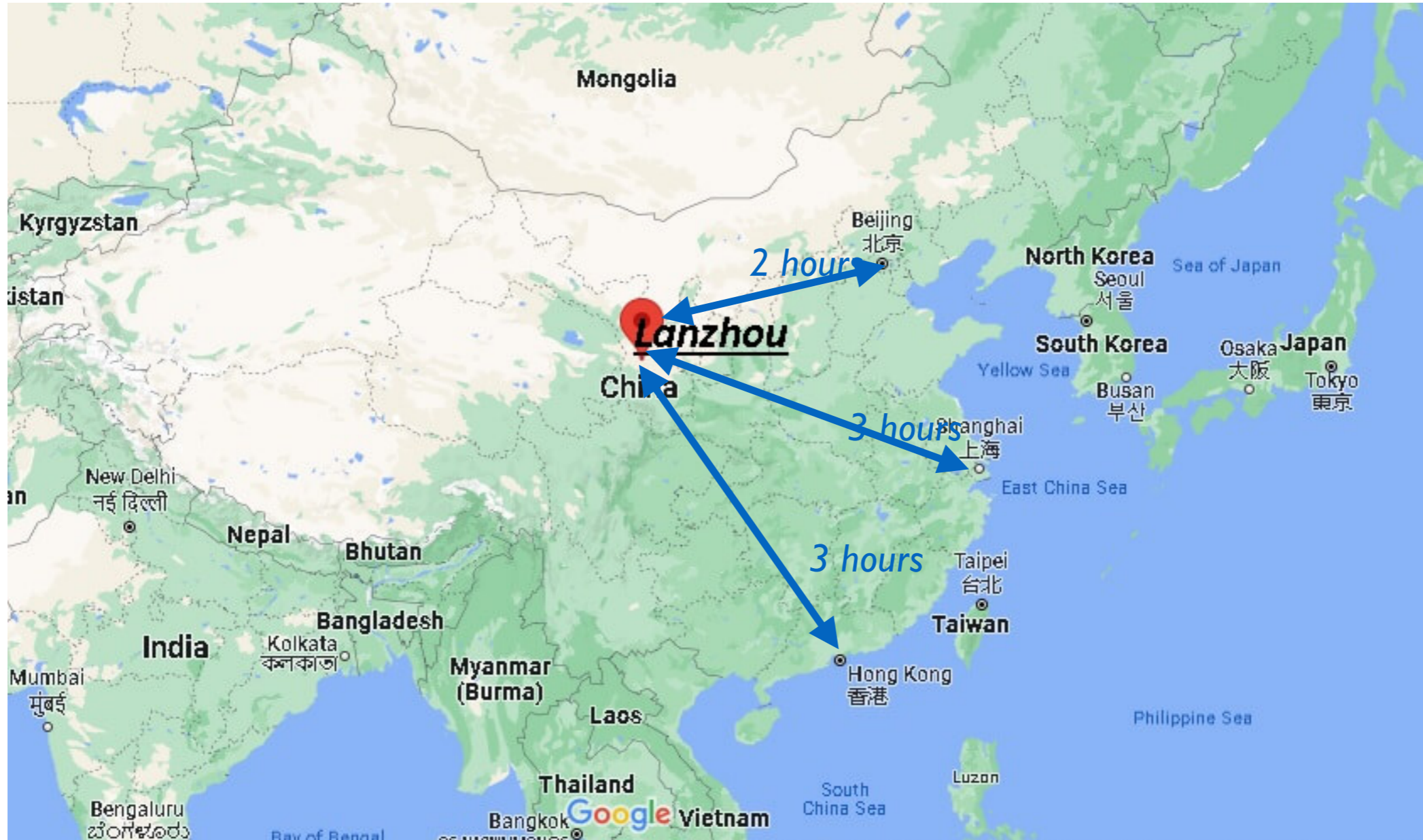
Yi Yin

*on behalf of the LOC team*

*(Institute of Modern Physics, Chinese Academy of Sciences joint with CCNU)*



## Where



**Lanzhou** lies at the geographical heart of China and is the capital city of **Gansu province**; connected to Beijing, Shanghai via direct flights



From Britannica

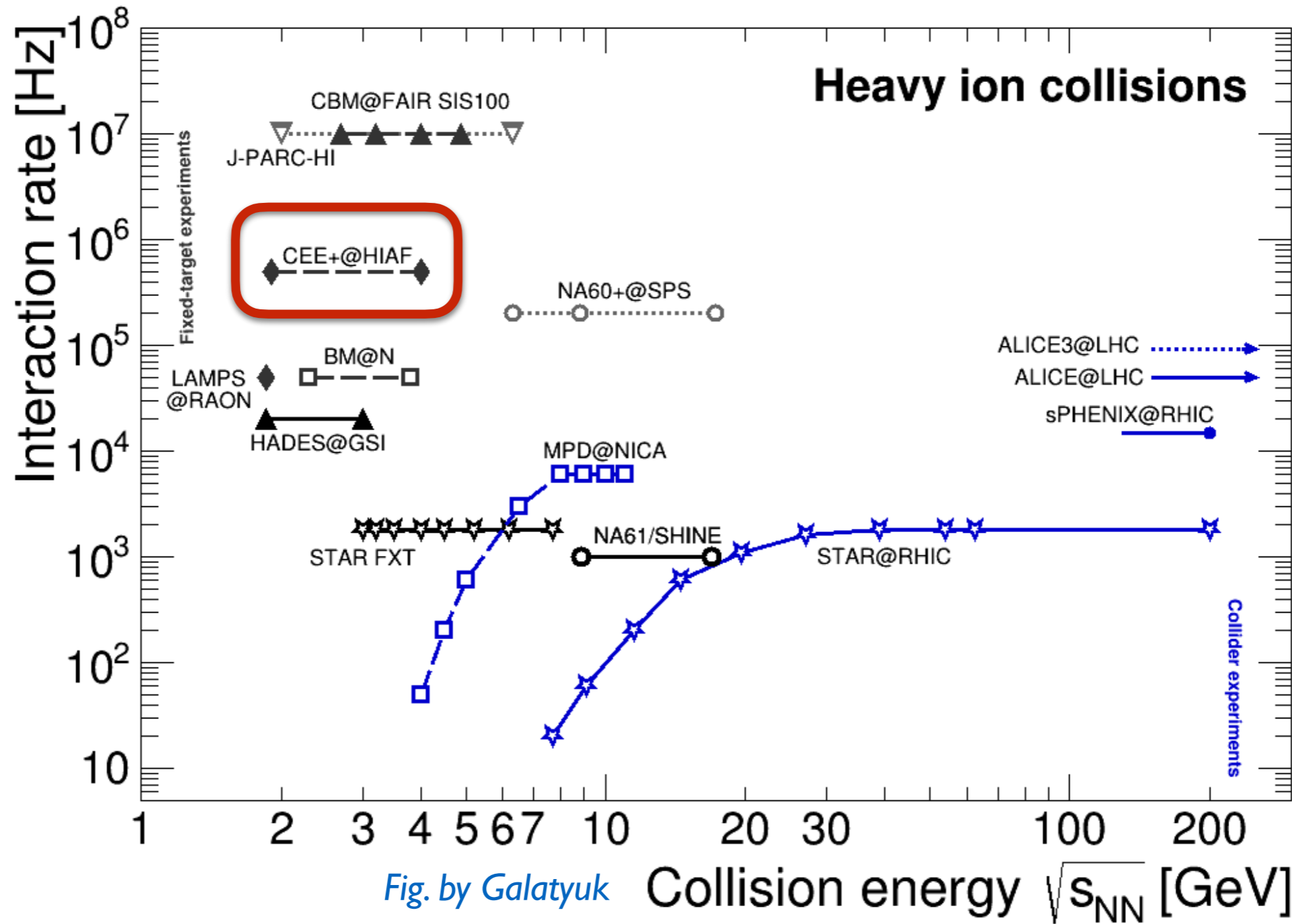
Built around 80 BC, Lanzhou city was a major link on the Silk Road and is rich in cultural and historical heritage.



## Who

- Institute of Modern Physics (IMP) is the largest nuclear physics research institute, under the Chinese Academy of Sciences (CAS); joint with CCNU.
- Heavy-ion collisions group ~10 faculties
  - Theory: QCD phase diagram
  - Experiment: STAR, CBM, CEE
- LOC: Yi Yin, Yapeng-Zhang (IMP) and Xiao-Feng Luo (CCNU)





IMP is constructing High-Intensity heavy ion Accelerator Facility (HIAF). CEE detector@HIAF: **studying the QCD phase structure at high baryon density**





IMP hosted 1st international High Energy Physics School/Workshop in Western China in 2018. Among 110 participants, 35 are international. IMP will host 20th XQCD, July 2024.



## Why Lanzhou, China

- Encouraging Chinese **young generation** to join the frontiers of *QCD Phase diagram*
- CPOD has never been held in person in Asia since 2011. Having one boosts the growth of international community

## When and how

- Dates (flexible per suggestions by IAC; Lanzhou is quite pleasant in summer!) :Aug. 9-13 or Sep 6-10, 2027.
- Registration fee: 2400 RMB (~310 Euro/330 dollars) covering all coffee break, meals, and the banquet.
- **Young scientist support:** covering local cost for 30 junior postdocs/graduates participating the workshop.

We envision a discussion-driven workshop; sharpening priority questions on QCD phase transition for the coming decades



## Conference venue: IMP campus at the heart of Lanzhou city

- Transportation:
  - 1 hour or 1.5 hour to/from airport; 0.5 hour to the train station; many local restaurants nearby
- Hotels at walking distance (price: per night) :
  - Hilton, Wanda (5 star)~ 100 Euro; Legend Hotel (4 star)~ 70 Euro; Cuiying~ 40 Euro.
- The plenary talk at the seminar Hall of IMP (capacity~200) ; varieties of smaller seminar rooms for the parallel talk and poster session.



*Hilton near IMP campus*



*Seminar Hall*



## Beyond the conference room



*Gansu museum*



*Yellow River*



*Lanzhou noodle*

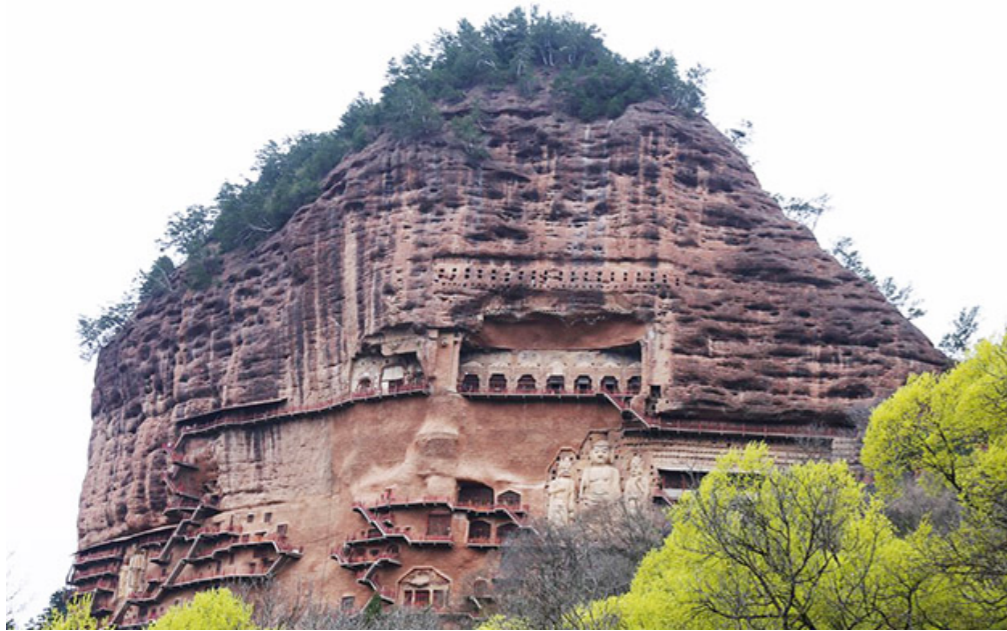


*roasted whole lamb*

And more ...



Lanzhou is conveniently connected to other must-see(s) in western China



*Majishan Grottoes*



*Jiayu Pass*



*Labrang Monastery*



*Zhangye Danxia National Geopark*

**Gansu is *Lonely Planet's* Best Place to Visit in Asia for 2017**



We plan to organize self-funded tour to UNESCO historical site



*Mogao cave at Dun'Huang (UNESCO site)*



*Terracotta Army at Xi'An (UNESCO site)*

## Summary

We are sure that the conference experience in Lanzhou would be unique, with lasting impact on the community

Looking forward to welcome you in Lanzhou in 2027!



Back-up

- Currently, visa is not required for citizens of France, Germany, Italy, the Netherlands, Spain and Malaysia to visit China for no more than 15 days.
- We shall help the workshop participants with needed visa documents.