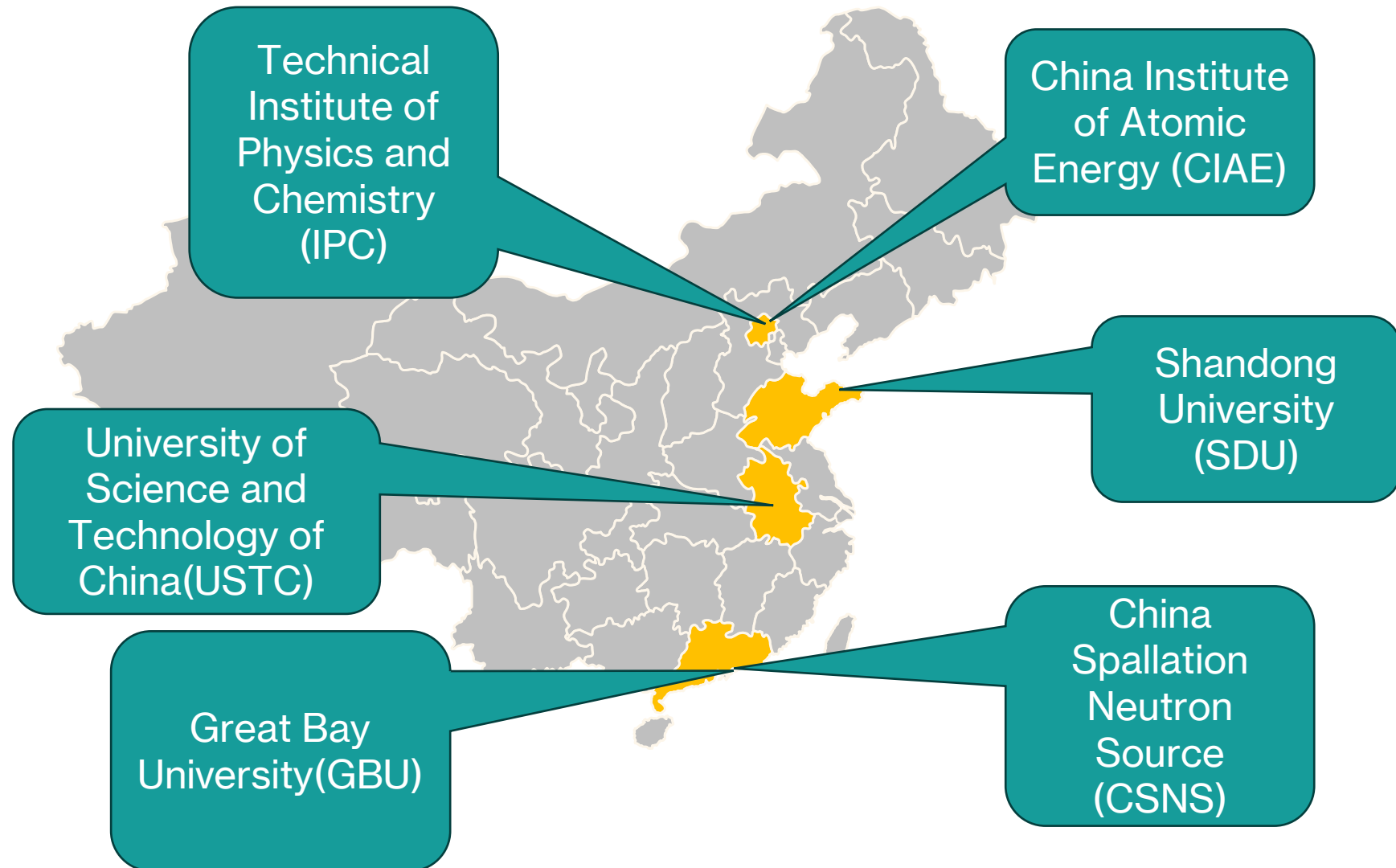




China group introduction

Ruirui Fan

Where are we?



Who are we?

Beam and data analysis

Ruirui Fan
Mofan Zhang
Wei Jiang
Nikos Vassilopoulos
You Lv
Qiuyue Luo
Yang Li
Han Yi
Yuhang Guo
Yonghao Chen
Jianqi Chen(Great Bay University)
Chen Liu(Shandong University)

Polarization System

Tianhao Wang
Junpei Zhang
Matthew Musgrave
Jiang Tang(CSNS)
Yujie Zheng(CSNS)
Xu Qin(CSNS)

Gamma ray detector

Xichao Ruan
Guangyuan Luan
Qiwei Zhang
Jie Ren

Cooling system

Wei Dai
Weijun Chen(TIPC)
Yaxuan Wang(TIPC)

Supervisor
Jingyu Tang
Xin Tong

27 people from 6 institutions

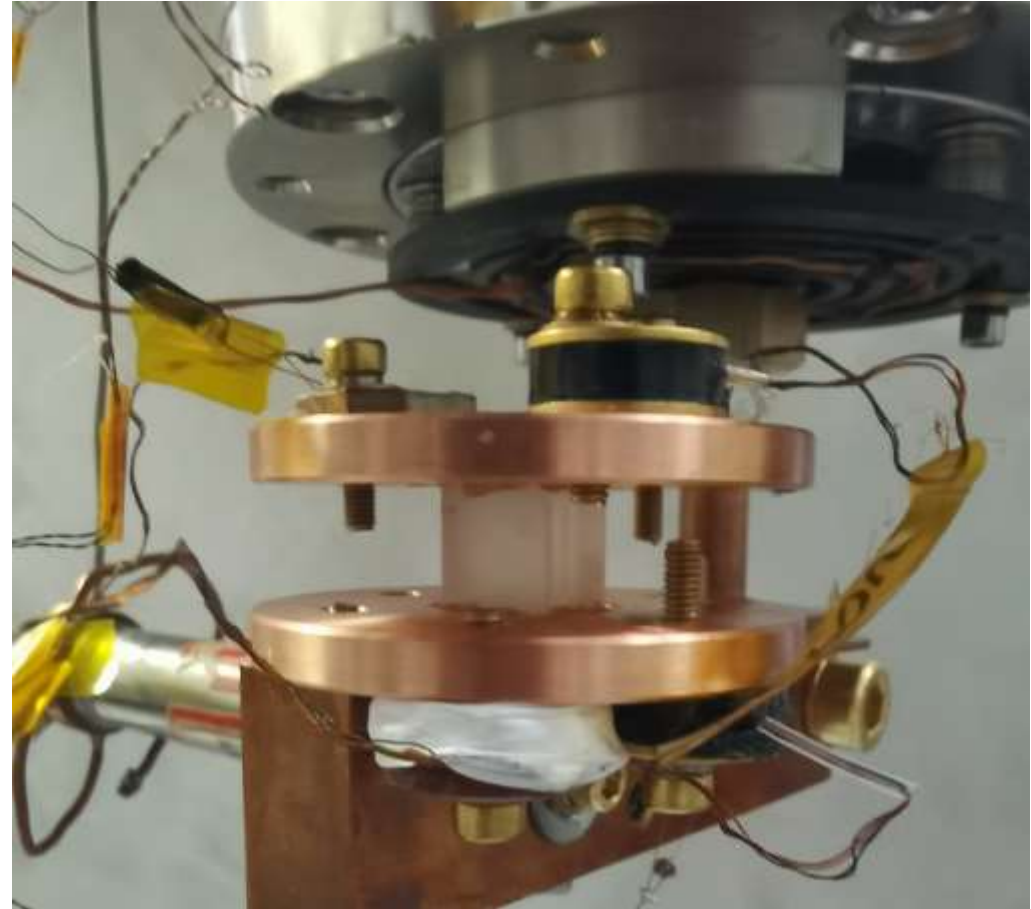
Our plan

- Support for NOPTREX Collaboration Experiments:
 - GTAF-related experiments
 - Mofan will show the recent status of Parity measurement at CSNS
 - Haotian from CIAE will give a talk about the GTAF
 - Potential future experiments or detector testing experiments
- Focus on P-even T-odd experiments & other polarized neutron experiment:
 - A low-temperature system is needed to achieve tensor alignment of the target
 - Prof Dai will give a talk about the cooling system and target test
 - Polarized neutrons system development
 - Dr Zhang Junpei will give the presentation of polarization system in CSNS

Sample for P-even T-odd

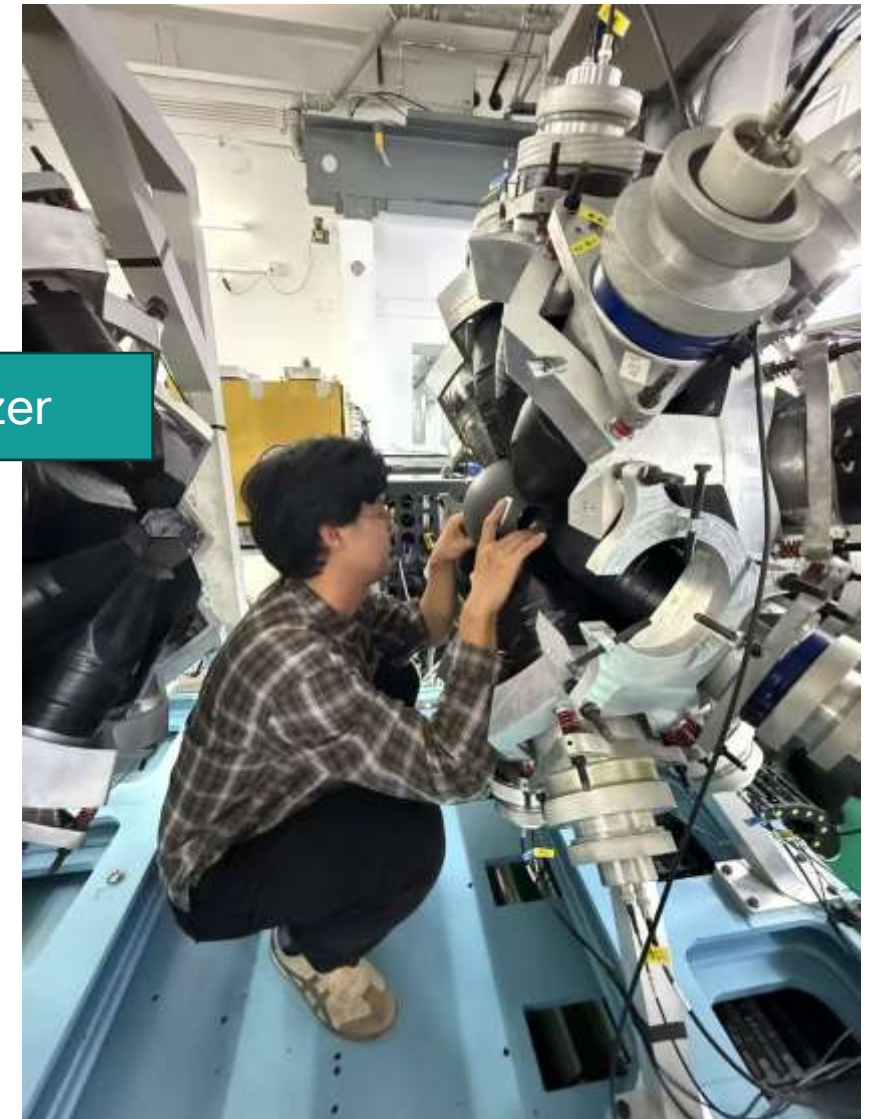
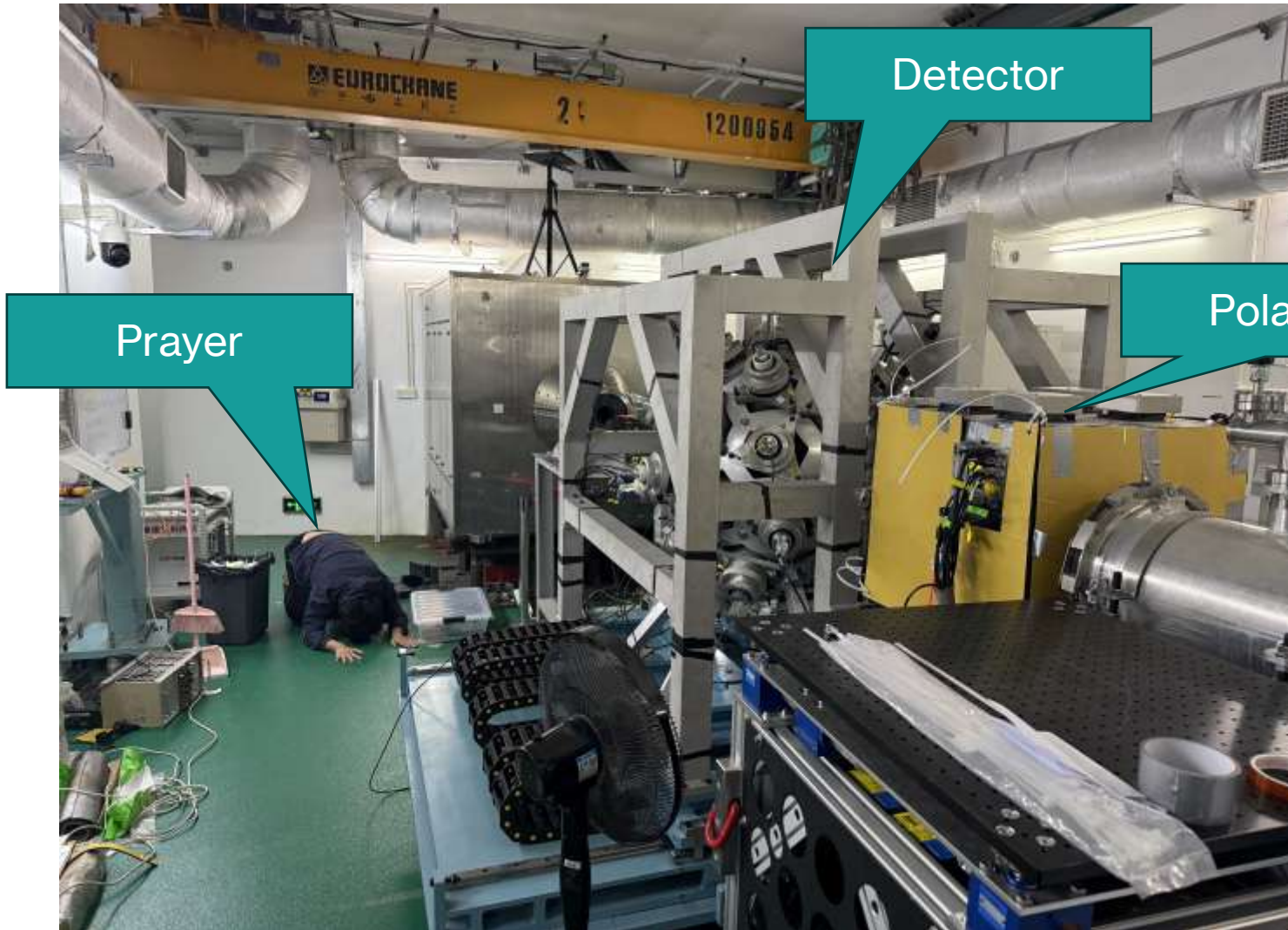


LiIO_3



Thermal conductivity and heat capacity measurements

Some picture in this experiment



Mofan is installing the neutron absorber

ISINN31

- The ISINN conference is the International Seminar on Neutron and Nuclear Reactions organized by the FLNP of JINR and is held annually.
- **In 2025, it will be hosted by CSNS from May 26 to 31.**
- This conference is highly relevant to the NOPTREX experiment's theme, and I warmly welcome everyone to attend in Dongguan.

<https://indico.ihep.ac.cn/event/23550/>

