

Introduction of Peking University

Dr. Jing Wu

Chengyu Guo, Hao Wang, Lisheng Yang, Zhenxiang Zhou, Ziyao Hu

(School of Physics)

Nishina School, RIKEN, Japan, July 30th 2019



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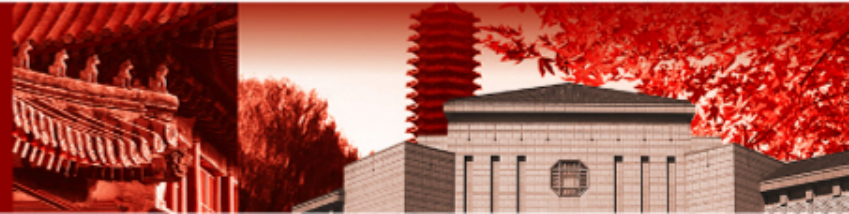


Peking University

Peking University, first established in 1898, is now a comprehensive and national key university. The campus, known as "Yan Yuan" (the garden of Yan), is situated at Haidian District in the western suburb of Beijing, with a total area of 2,743,532 square meters (or 274 hectares). It stands near to the Yuanmingyuan Park and the Summer Palace.



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ONE TOWER LAKE LIBRARY

— 塔 湖 图 —

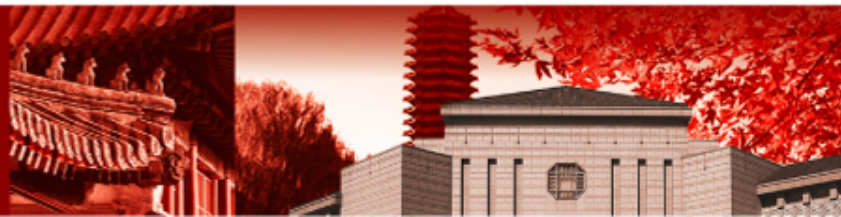
大讲堂
Peking University Hall

1997 建筑大师——张纪生设计
1999 大师手书“图”和“塔”
——张纪生设计，张纪生设计，张纪生设计
1999 张纪生设计，张纪生设计，张纪生设计
1999 张纪生设计，张纪生设计，张纪生设计
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北京大学图书馆
2015年第1期 总第59期



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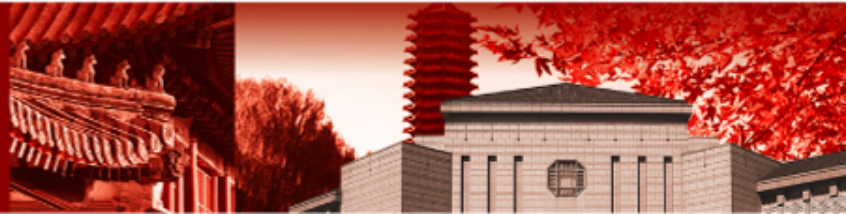


Schools in PKU

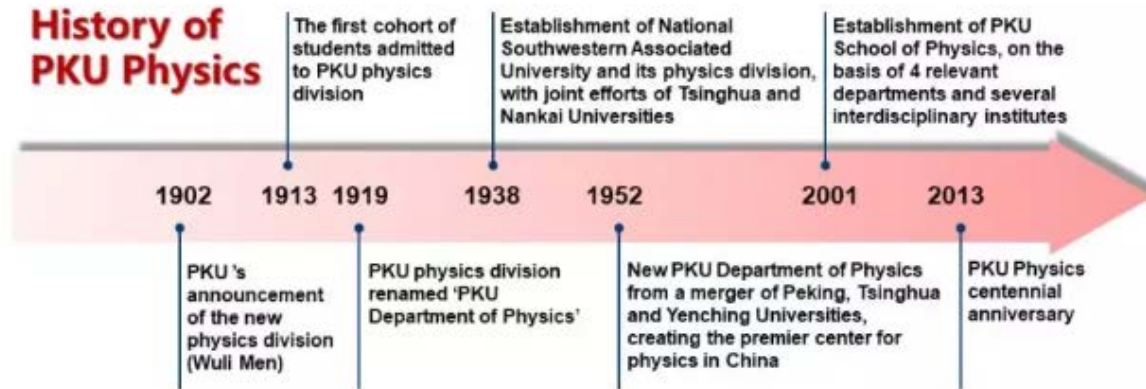
- Division of Sciences (8)
 - School of Mathematical Sciences
 - School of Physics
 - College of Chemistry and Molecular Engineering
 - School of Life Sciences
 - College of Urban and Environmental Sciences
 - School of Earth and Space Sciences
 - School of Psychological and Cognitive Sciences
 - College of Architecture and Landscape Architecture
- Division of Information & Engineering (6)
- Division of Humanities (8)
- Division of Social Sciences (10)
- Division of Economics & Management (4)
- Health Science Center (14)
- Interdisciplinary (12)
- Shenzhen Graduate School (8)



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School of Physics



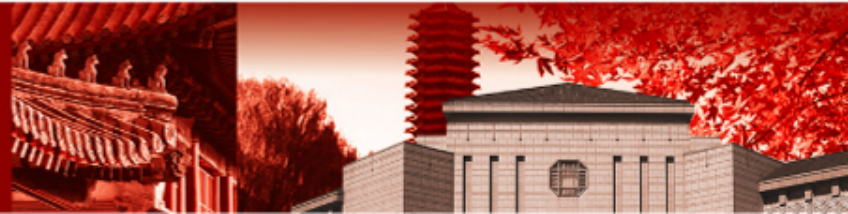
Some of the prominent physicists that ever studied/worked at PKU Physics:



By Prof. Yuanning Gao, Dean of School of Physics Presentation on the Open Day of PKU



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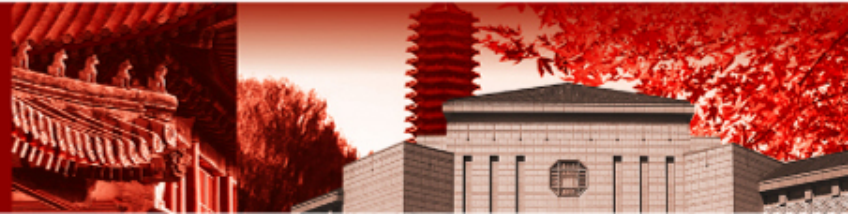


School of Physics

- Today, the School of Physics includes four national key disciplines: **Physics**, **Astronomy**, **Atmospheric & Oceanic Sciences**, and **Nuclear Science & Technology**.
- The School has about 200 faculty and staff.
- Every year about 200 undergraduate students and 200 graduate students are admitted.
- Research is devoted not only to the frontiers of fundamental physics but also to the innovation of advanced technology as well as to the exploration of interdisciplinary collaborations.



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School of Physics

- Institute of Theoretical Physics
- Institute of Condensed and Material Physics Science
- Institute of Modern Optics
- Institute of Heavy Ion Physics
- Institute of Plasma Physics and Fusion Study
- Department of Astronomy
- Department of Atmospheric and Oceanic Sciences
- Department of Technical Physics
- Teaching Center For General Physics
- Teaching Center For Experimental Physics
- Electron Microscopy Laboratory
- State Key Laboratory for Artificial Microstructure and Mesoscopic Physics
- [State Key Laboratory of Nuclear Physics and Technology](#)
- Beijing Key Laboratory of Medical Physics and Engineering
- Center for High Energy Physics
- International Center for Quantum Materials
- Kavli Institute for Astronomy and Astrophysics
- Institute of Nuclear Science & Technology

Broad fields of study:

As big as universes

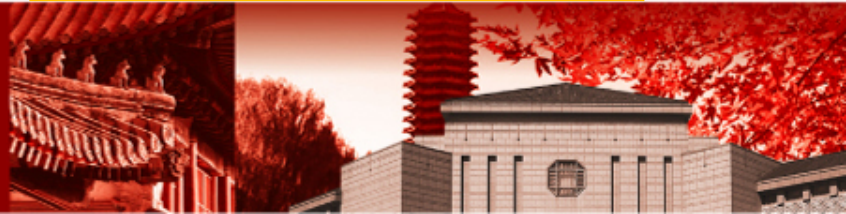
As small as atoms and quarks

As fast as attoseconds

As slow as billion years



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Chengyu Guo (郭成宇)

Education:

Bachelor of science, major in Physics, in School of Physics, Peking University, Beijing, China, from 2015 to 2019.

Admitted to School of Physics, Peking University as a doctoral student, major in Particle Physics and Nuclear Physics.



Work Experience:

Starting undergraduate research under the guidance of Prof. Hui Hua and Chuan Xu from 2018.9 to 2019.6

Hobbies and Interests:

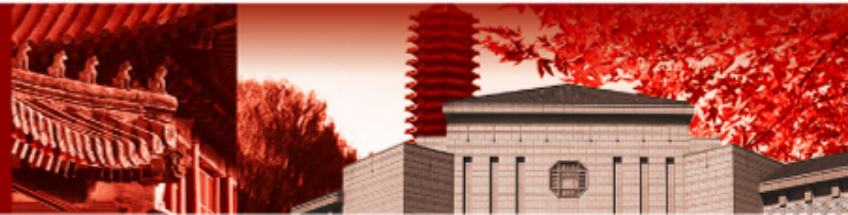
Sports: basketball, volleyball ...

Reading

Travelling



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Education:

Bachelor of science, major in physics in School of Physics, Peking University from 2015.9 to 2019.7

Has been admitted to School of physics, Peking University as a doctoral student.

Direction of current research:

My research interests are Radiation Protection and Environmental Radioactivity. My study focus on radon and thoron transfer mechanism and the model of soil radon and thoron activity.

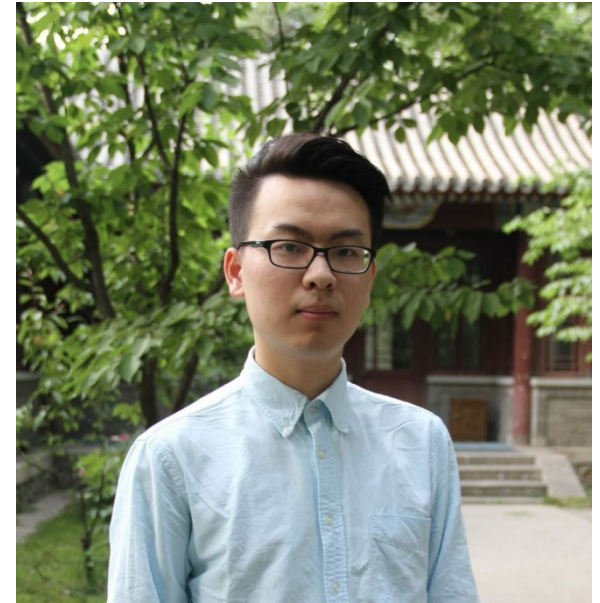
Interests and hobbies:

Rubik's Cube($3\times 3\times 3$)

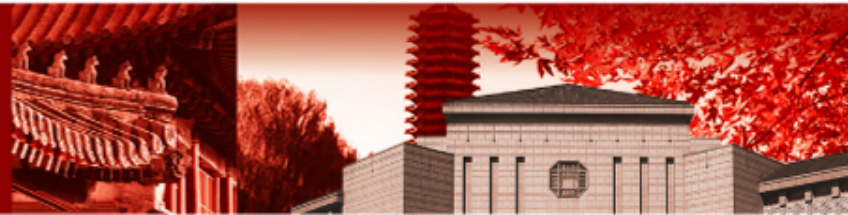
Rubik's Revenge($4\times 4\times 4$)

Chinese chess

Swimming



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Lisheng Yang (阳黎升)

Education:

Bachelor of physics

Graduated from School of Physics, Peking University, Beijing, China, in July 2019

Major:

Particle Physics and Nuclear Physics

Work Experience:

Starting under graduate research at Peking University under the guidance of Prof. Ye Yanlin from 2018.9 to 2019.6, studied on **The Test and Performance Analysis of AT-TPC Detector**



E-mail:

yangls@pku.edu.cn

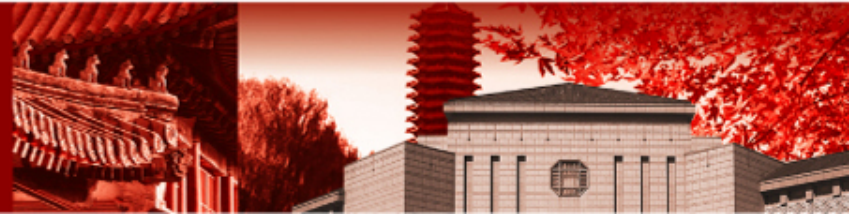
Good at:



L^AT_EX **SOLIDWORKS**



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Zhenxiang Zhou(周振翔)

Education:

Bachelor of Science,
major in physics in Peking University from 2015.9 to
2019.7.

Major:

Experimental nuclear physics,
will study as a doctoral student in School of Physics,
Peking University after 2019.9.



Interests:

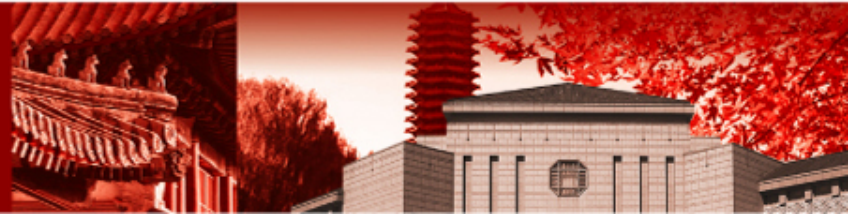
Reading, music, video games.

Undergraduate research:

- Proton shell evolution below the double-magic nucleus ^{132}Sn in $^{123,125}\text{Ag}$ isomers.
- Under the guidance of Prof. Zhihuan Li from 2018.9 to 2019.6.



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Ziyao Hu (胡梓瑶)

Education:

Bachelor of physics \ Graduated from School of Physics, Peking University in July 2019

Will continue to study for a doctorate at Peking University in the next five years

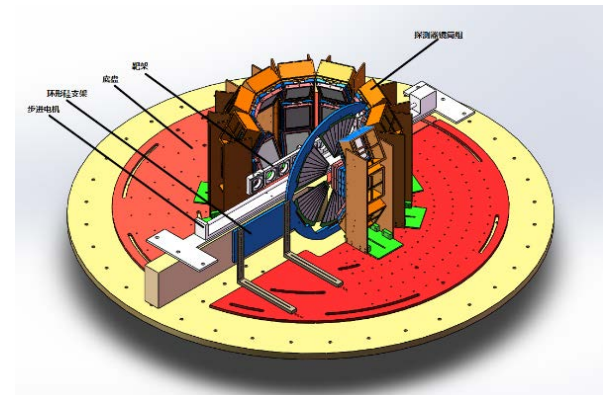
Major: Particle Physics and Nuclear Physics

Interest: Reading Fiction \ Animation \ swimming ...

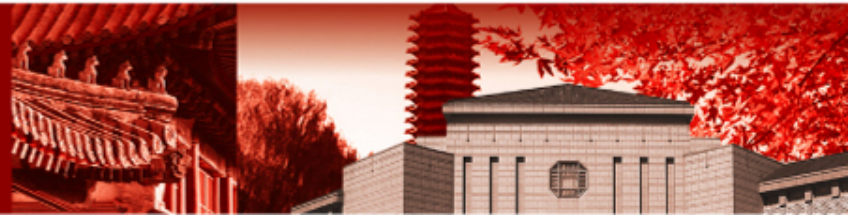
Work Experience:

I had designed the Silicon detector support system (which has a large solid angle coverage) as the graduation project.

E-mail: Hush@pku.edu.cn



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Jing Wu (吴婧)

Education:

PhD, Environmental Mineralogy, SESS, PKU, 2012

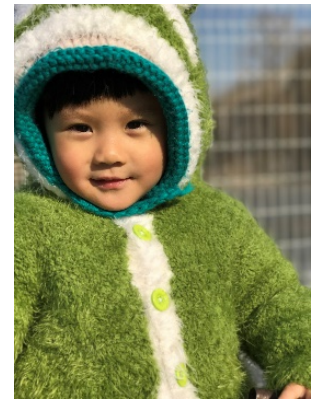
Position :

Secretary of Dept. Technical Physics, and State Key
Lab. Nuclear Physics and Technology

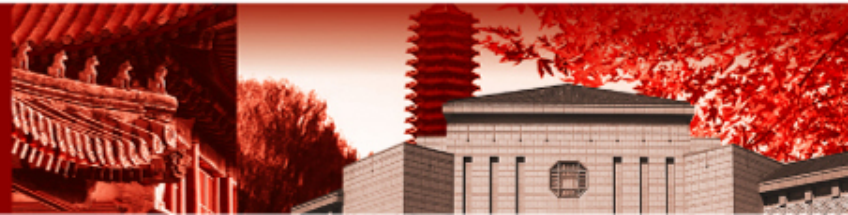
Head teacher of all graduate students in DTP

Hobbies: Table tennis, pop music, painting, anime

Email: jingwu@pku.edu.cn



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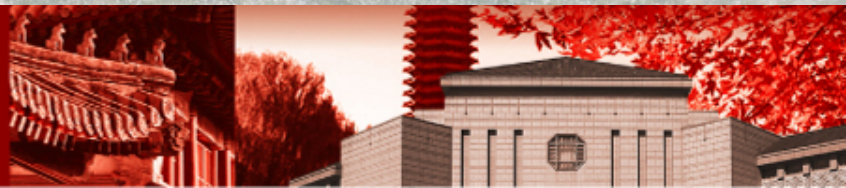


We came from different corners of the world
Nishina School makes us a temporary family
We'll learn from each other, help each other
Wish you all have the most memorable 12 days!

Thank you to all the staff at Nishina center and RIKEN!



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Thank you !