

Higgs Potential 2022

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Workshop summary

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- This is the third workshop in the series
 - Your participation is the key of the success of HiggsPotential2022!
- Special thanks to our academic committee and local committee! Huge thanks to the session conveners! Also thank our PKU support team Licheng, Jin, Jing and Mingtao
- Many thanks to all the speakers. We had 48 talks in total (13 plenary) and topics from (di-)Higgs to BSM
 - 111 registrants, ~100 connections in peak, >50 connections in average on Zoom
 - KouShare broadcast has $> \mathcal{O}(10^3)$ clicks so far

地方组委会: 曹庆宏、李强、冒亚军、孙小虎、周辰

Local Organizers: Qinghong Cao, Qiang Li, Yajun Mao, Xiaohu Sun, Chen Zhou;

学术组委会: 边立功、曹庆宏、陈明水、陈新、方亚泉、顾嘉荫、蒋赞、康召丰、李强、刘坤、刘衍文、马连良、冒亚军、Michael Ramsey-Musolf、舒菁、孙小虎、肖朦、于江浩、袁丽、张昊、张雷、周辰

Academic Committee: Ligong Bian, Qinghong Cao, Mingshui Chen, Xin Chen, Yaquan Fang, Jiayin Gu, Yun Jiang, Zhaofeng Kang, Qiang Li, Kun Liu, Yanwen Liu, Lianliang Ma, Yajun Mao, Michael Ramsey-Musolf, Jing Shu, Xiaohu Sun, Meng Xiao, Jianghao Yu, Li Yuan, Hao Zhang, Lei Zhang, Chen Zhou;

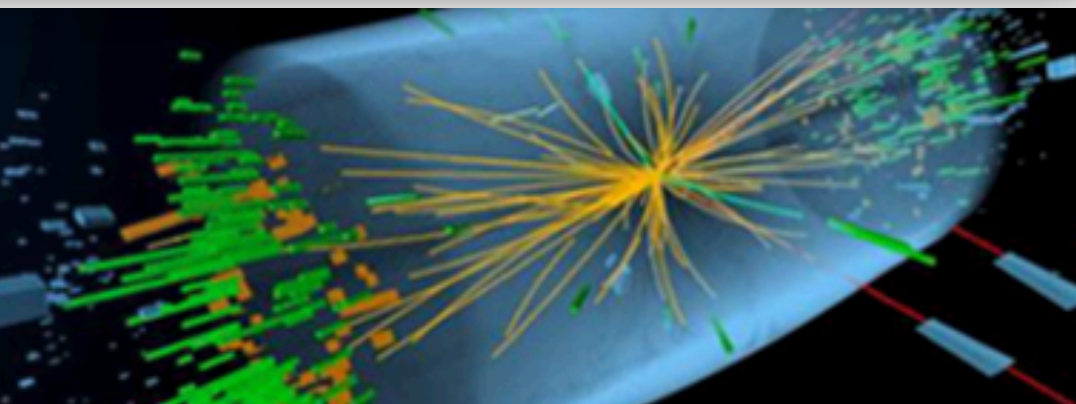


北京大学
PEKING UNIVERSITY



核物理与核技术国家重点实验室(北京大学)

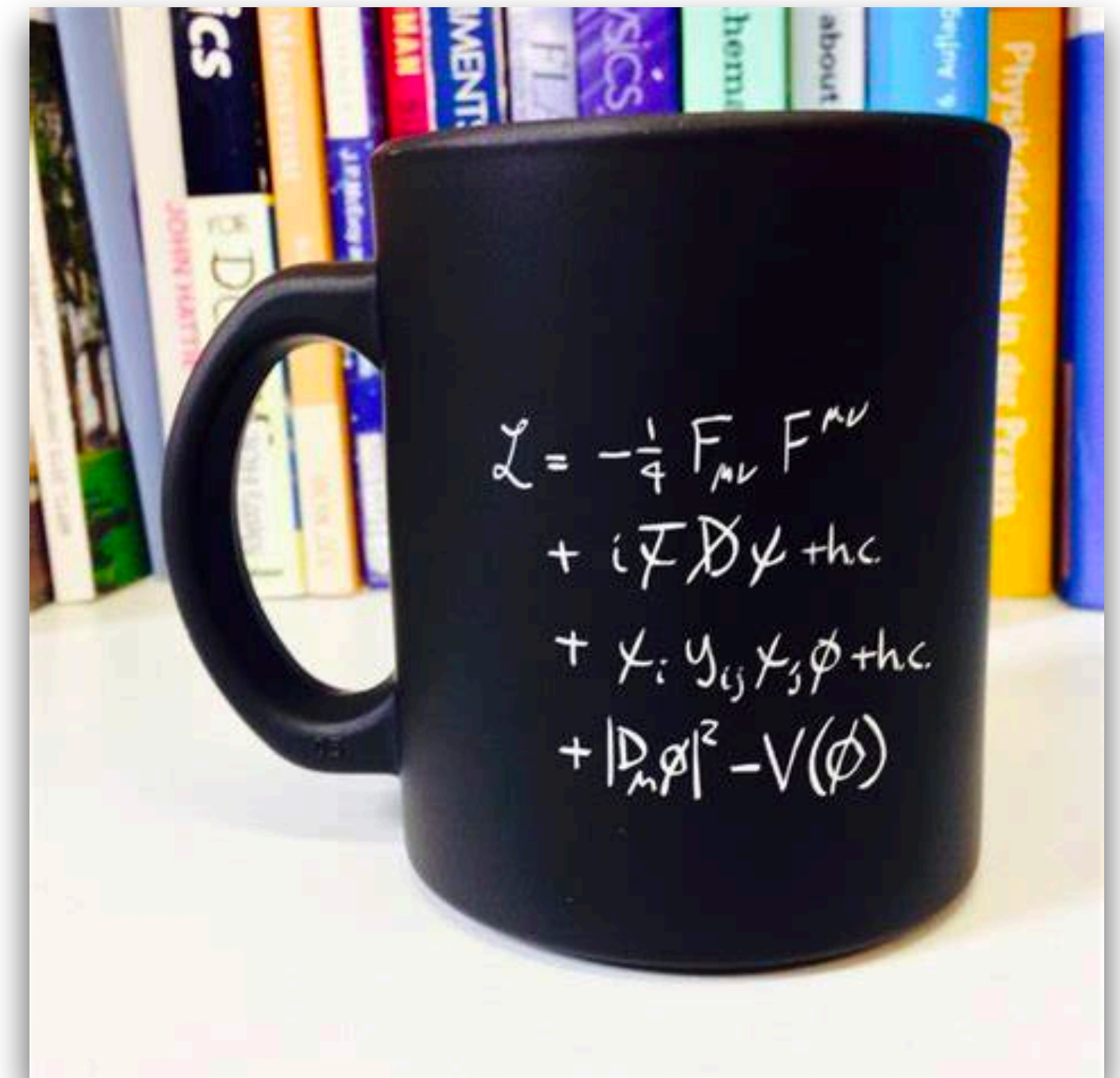
State Key Laboratory of Nuclear Physics and Technology, Peking University



The party just starts

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- The Higgs discovery is not an end but a start
- There are indeed way more to explore
 - Higgs precision measurements
 - Higgs rare decays
 - Higgs interactions with the dark sector
 - Higgs coupled to itself
 - Higgs involved in EFT couplings
 - ...
- This workshop does not try to answer the above, instead, provides a platform to generate new ideas on possible solutions



Recording

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- Recordings by Zoom are being linked to the indico
- Our dear KouShare colleagues not only broadcasted but also recorded the workshop. Many thanks to KouShare!
- <https://www.koushare.com/topicIndex/i/HP2022>



Higgs Potential 2022

地点:北京大学物理学院

from Sunday, July 24, 2022 at 08:00 to Thursday, July 28, 2022 at 18:00





北京大学物理学院学术论坛
DISTINGUISHED COLLOQUIUM
SCHOOL OF PHYSICS, PEKING UNIVERSITY

纪念希格斯粒子发现十周年
献礼北京大学物理学科百十周年

希格斯玻色子：过去、现在和未来

The Higgs boson: The past, present, and future



韩涛

匹兹堡大学杰出教授



时间：2022年7月27日（星期三）20:00—22:00

参与方式：

与workshop同一个【Zoom】

Zoom: 678 5324 8164

Passcode: 125125

还可通过
北大物理人B站
蔻享平台

提前问问题



直播平台



Next year

- Proposed by Prof. Yun Jang and Prof. Ligong Bian
 - Sun Yat-sen University and Chongqing University join together and will hold the workshop next year
 - The location will be in Zhuhai and can be transferred to Chongqing in case of COVID-19 spikes
- Having discussed with the academic committee, we support this application
- Meet in Zhuhai in 2023

The spirit of this workshop series in my humble understanding:

This workshop should be as free as possible to allow participants to maximize the exchange of ideas and to exploit the potential of Higgs related physics

谢谢大家！