

INTERNATIONAL WORKSHOP
ON THE HIGH ENERGY CIRCULAR ELECTRON POSITRON COLLIDER

CEPC 2025

November 6-10, 2025 Guangzhou, China

Scientific Program Committee

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Nicola Bell U. Melbourne
Maria Enrica Biagini INFN/Frascati
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Paolo Giacomelli INFN/Bologna
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Stefano Panfilacci SIRM
Michael Ramsey-Musolf TCU/SJTU, UH-H
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Matthias Schott U. Bonn
Maksim Ticoz INFN/CEASatoy
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Yoshinobu Unno KEK
Pierre Ventrone CEA
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Local Organizing Committee

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Hongbo Zhu ZJU

Workshop Secretaries

Ruijia Shi SCNU
Yaru Wu IHEP
Hongjuan Xu IHEP
Jing Zhou IHEP



CEPC 2025

The 2025 International Workshop
on The High Energy
Circular Electron Positron Collider

Nov 6-10, 2025, Guangzhou, China

<https://indico.ihep.ac.cn/event/25300>

mailto: cepcws2025@ihep.ac.cn

Co-chairs: Hengne Li, Jianchun Wang, Miao He



<https://indico.ihep.ac.cn/event/25300/>
E-mail: cepcws2025@ihep.ac.cn
Tel: 010-88236061





	Thursday 6th	Friday 7th	Saturday 8th	Sunday 9th	Monday 10th
9:00-10:30	Plenary	Higgs SiDet Accelerator CIPC	BSM Calorimeter Accelerator Integr.	EW & tt Gas Det Accelerator TDAQ	QCD PID Accelerator Offline
10:30-11:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00-12:30	Plenary	Flavor SiDet Accelerator CIPC	BSM Calorimeter Accelerator Electronics	EW & tt PID Accelerator TDAQ	QCD PID Accelerator Spare
12:30-14:00	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
14:00-15:30	Higgs SiDet Accelerator CIPC	Flavor Calorimeter Accelerator Ind.Connect	BSM Gas Det MDI Electronics	Excursion	Plenary
15:30-16:00	Coffee break	Coffee break	Coffee break		Coffee break
16:00-18:00	Higgs SiDet Accelerator CIPC	Flavor Calorimeter Accelerator Offline	EW & tt Gas Det MDI Electronics		Plenary
	Public Lecture 19:00 - 21:00	Poster Session 19:00 - 21:00	Banquet 18:30 - 21:00		



❖ Participants:

- Total 405 registered at the Indico page, including 66 from institutes abroad
- There are also manual registrations at the front desk (~12), and non-registered participants
- In-person turnout ~ 320

❖ Contributions:

- Plenary talks 14 + 1 (public lecture)
- Parallel talks 247
- Posters 52
- Exhibitions 10

Parallel Session	Talks
Accelerator	58
CIPC	19
Int'l Industr. Connection	5
Higgs	16
EW & tt	13
Flavor physics	11
QCD	8
BSM	13
MDI & integration	16
Silicon detector	16
Calorimeter	13
Gaseous detector	12
PID & other detectors	12
Electronics	16
TDAQ & Online	9
Offline & Software	10









希格斯与中微子：探索新物理的重要窗口

王贻芳
华南师范大学, 2025.11.6

华南师范大学
SOUTH CHINA NORMAL UNIVERSITY

新世纪论坛

希格斯与中微子：通向粒子物理
未来的两个窗口

报告时间：
2025年11月6日 晚上 19:00

报告地点：
华师大学校区图书馆8楼118学术报告厅

主要内容：
希格斯粒子发现以后，标准模型基本完成，粒子物理观测处于一个转折点。一方面，标准模型还不能回答许多根本问题，只是一个在目前能标下的有效理论。另一方面，也发现了一些超出标准模型的实验证据。为此，我们需要更多的实验发现来理解更高能量、更深层次的物理。希格斯和中微子就是两个最好的窗口。我将介绍国内在这两方面的努力，一是刚刚在今年8月份开始运行取数的江门中微子实验，另一个是环形正负电子对撞机。

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Domain Chairs

Accelerator	Maria Enrica Biagini	INFN/Frascati	Theory	Zhen Liu	U. Minnesota
	Manuela Boscolo	INFN/LNF		Michael Ramsey-Musolf	TDLI/SJTU, UMass
	Philip Burrows	U. Oxford		Margarida Rebelo	CFTP, U. Lisboa
	Yeonsei Chung	IBS		Alessandro Vicini	U. Milano
	Angeles Faus-Golfe	IJCLab/Orsay		Liantao Wang	U. Chicago
	Jie Gao	IHEP	Experimental Physics	Franco Bedeschi	INFN/Pisa
	Garam Hahn	PAL/POSTECH		Daniela Bortoletto	U. Oxford
	Wenhui Huang	THU		Shikma Bressler	WIS
	Eun-San Kim	Korea U.		Joao Guimaraes da Costa	IHEP
	Wei Lu	IHEP		Alexey Drutskoy	LPI
	Carlo Pagani	INFN/Milano		Ulrik Egede	Monash U.
	Makoto Tobiyama	KEK		Paolo Giacomelli	INFN/Bologna
	Pierre Vedrine	CEA		Jianbei Liu	USTC
	Xueqing Yan	PKU		Bruce Mellado	Wits U., iThemba LABS
	Frank Zimmermann	CERN		Stefano Panebianco	SSRI
Theory	Nicole Bell	U. Melbourne		Matthias Schott	U. Bonn
	Gustavo Castelo Branco	U. Lisboa		Maksym Titov	IRFU, CEA Saclay
	Marco Drewes	UCLouvain		Yoshinobu Unno	KEK
	Xiaogang He	TDLI, SJTU		Haijun Yang	SJTU, TDLI
	Sven Heinemeyer	IFT/CSIC		Jingbo Ye	IHEP
	Tao Liu	HKUST		Hwidong Yoo	Yonsei U.



	Sessions	Blk	Conveners
1	Accelerator	12	Maria Enrica Biagini (INFN/Frascati), Manuela Boscolo (INFN/LNF), Philip Burrows (U.Oxford), Yeonsei Chung (IBS), Angeles Faus-Golfe (IJCLab/Orsay), Jie Gao (IHEP), Garam Hahn (POSTECH), Wenhui Huang (THU), Eun-San Kim (Korea U.), Wei Lu (IHEP), Carlo Pagani (INFN/Milano), Makoto Tobiyama (KEK), Pierre Vedrine (CEA), Xueqing Yan (PKU), Frank Zimmermann (CERN)
2			
3			
4	Industrial Corridor	4	Jie Gao (IHEP), Jinlin Gao (Fuhai Cryo), Song Jin (IHEP), Yaru Wu (IHEP)
5		2	Song Jin (IHEP), Guoming Liu (SCNU), Wei Wei (IHEP), Zijun Xu (IHEP), Jie Zhang (IHEP)
6	Physics	3	Mingshui Chen (IHEP), Zhen Liu (U.Minnesota), Tania Robens (IRB), Wei Su (SYSU), Yahya Tayalati (UM5), Kepan Xie(BUAA)
7		3	Janusz Gluza (U.Silesia), Jiayin Gu (FDU), Xiaohu Sun (PKU), Alessandro Vicini (INFN/Milano)
8		3	Lorenzo Calibbi (NKU), Shanzhen Chen (IHEP), Pavel Pakhlov (HSE, LPI), Yuehong Xie (CCNU)
9		2	Xuan Chen (SDU), Manqi Ruan (IHEP), Huasheng Shao (LP THE), Liantao Wang (U.Chicago)
10		3	Francisco Arco (DESY), Tao Liu (HKUST), Minh Son (KAIST), Xuai Zhuang (IHEP)
11	Detector +	3	Sha Bai (IHEP), Ivanka Bozovic (VINCA), Suen Hou (IPAS), Xiaoyan Ma (IHEP), Haoyu Shi (IHEP)
12		4	Sebastian Bachmann (U.Heidelberg), Harald Fox (Lancaster U.), Zhijun Liang (IHEP), Hongbo Zhu (ZJU)
13		4	Yong Liu (IHEP), Romualdo Santoro (U.Insubria), Taikan Suehara (U.Tokyo), Zhenwei Yang (PKU)
14		3	Shikma Bressler (WIS), Nicola de Filippis (INFN/Bari), Huirong Qi (IHEP), Yi Wang (THU)
15		3	Alexander Barnyakov (BINP), Sajan Easo (RAL), Ezio Torassa (INFN/Padova), Xiaolong Wang (FDU)
16		3	Tomasz Fiutowski (AGH), Weihao Wu (SJTU), Jingbo Ye (IHEP)
17		2	Fei Li (IHEP), Miroslav Saur (LZU), Qidong Zhou (SDU)
18		2	Xingtao Huang (SDU), Weidong Li (IHEP)
19	Posters	1	Yiming Li (IHEP), Tao Lin (IHEP), Guoming Liu (SCNU), Dou Wang (IHEP)

Local Organizing Committee

Liupan An	PKU	Weimin Song	JLU
Song Jin	IHEP	Xiaolong Wang	FDU
Gang Li	IHEP	Lailin Xu	USTC
Hengne Li (Chair)	SCNU	Hang Yin	CCNU
Peilian Li	UCAS	Jiesheng Yu	HNU
Weidong Li	IHEP	Lei Zhang	NJU
Guoming Liu	SCNU	Zhikai Zhang	THU
Kun Liu	TDLI/SJTU	Chengguang Zhu	SDU
Manqi Ruan	IHEP	Hongbo Zhu	ZJU

Workshop Secretaries

Ruijia Shi	Yaru Wu	Hongjuan Xu	Jing Zhou
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Sponsors of CEPC2025 workshop with exhibition and hand-on display



Presentations by the CIPC members (CEPC Industry Promotion Consortium)





Thank you for making CEPC2025 fruitful !

Have a safe trip to your loved ones !

Hope to see you at

The CEPC workshop, Lisbon, April 7-11, 2026

<https://indico.cern.ch/e/CEPC2026EU>