The OCPA9 International Conference on Physics Education and Frontier Physics (July 16–20 2017)

Tentative Programme

Main Auditorium, Tsinghua University, Beijing

Legend:

AC Accelerator Physics
AMO Atomic, Molecular and Optical Physics

AS Astronomy & Astrophysics

BP Biophysics

CG Cosmology & Gravitation

CHE Chemical Physics

CM Condensed Matter and Materials Sciences
CP Computational and Mathematical Physics

HEP High Energy /Particle Physics

NP Nuclear Physics

PE Physics/Science Education

PL Plasma Physics

SM Statistical Mechanics and Nonlinear Physics

July 16 2017 (Sunday)

High School Physics Program Forum

Day 1: July 17 2017 (Monday)

	Venue: TBA
8.15am – 8.50am	Registration
8.50am – 9.00am	Opening Ceremony Welcome Address by Qi-Kun Xue (Vice President, Tsinghua) and Albert M. Chang (President, OCPA) Opening address by:
	Chair: TBA Plenary I
9.00am – 9.30am	Plenary 1—Steve Chu
9.30am – 10.00am	Plenary 2—Kataaki Kajita
10:00am-10.30am	Plenary 3—Shuji Nakamura
10.30am – 11.00am	Coffee Break & Photo-taking
11.00am – 12.15pm	Nobel Laureate Forum on: Different Approaches to Cutting-Edge-Research Moderator: A.M. Chang Panellists: C.N. Yang, Shuji Nakamura, Takaaki Kajita, Steve Chu, Barry Barish
12.15pm – 1.00pm	Lunch
1.00pm – 3.00pm	Parallel Sessions (Part 1) - Please refer to the timetable below
3.00pm – 3.30pm	Coffee Break
3.30pm – 5.30pm	Parallel Sessions (Part 2) - Please refer to the timetable below
7:00pm – 9:00pm	Conference Reception
8pm	OCPA9 Executive Council Meeting

Poster presenters can set up their posters at TBA on Day 1. Judging will commence on Day 2.

Day 2: July 18 2017 (Tuesday)

	Venue:							
8.30am – 9.00am	Registration							
	Chair: Plenary II							
9.00am – 9.30am	Plenary 4—Barry Barish							
9.30am – 10.00am	Plenary 5—Yifang Wang							
10.00am - 10.30am	Coffee Break							
	Chair: Plenary III							
10.30am – 11.00am	Plenary 6—Shi Yi Gong							
11.00am – 11.30am	Plenary 7—Shoucheng Zhang							
11.30am - 12.00pm	Plenary 8—Zixun Shen							
12.00pm – 1.00pm	Lunch							
1.00pm – 3.00pm	Parallel Sessions (Part 1) - Please refer to the timetable below							
3.00pm – 3.30pm	Coffee Break							
3.30pm – 5.30pm	Parallel Sessions (Part 2) - Please refer to the timetable below							
6.30pm – 9.00pm	Poster Session							
9pm	Poster Award Committee Meeting							

Day 3: July 19 2017 (Wednesday)

	Venue:
8.30am – 9.00am	Registration
	Chair: Plenary IV
9.00am – 9.30am	Plenary 9—Chris Monroe
9.30am – 10.00am	Plenary 10—Xiangdong Ji
10.00am - 10.30am	Coffee Break
	Chair: Plenary V
10.30am – 11.00pm	Plenary 11—Shangr Gwo
11.00pm – 11.30pm	Plenary 12—Hui Cao
11.30pm – 1.00pm	Lunch
1.00pm – 2.00pm	Women in Physics Symposium (Forum)
	Moderator: Manling Sui Panellists: Hui Cao, Haiyan Gao, Raynien Kwo, Quan Li, Yu Wei (tentative)
2.00pm – 2.30pm	Coffee Break
	Chair: Plenary VI (Science/Physics Education)
3:00pm – 3.30pm	Plenary 13—Yu Wei
3:30pm – 4:00pm	Plenary 14—Yuxin Liu
4.30pm – 5:30pm	Panel Discussion on Science Education (Forum): International Collaboration in Physics Education Moderator: Lei Bao Panellists: Yu Lim Chen, Amy Flatten, Weiping Hu, Xingkai Luo, Yau-yuen Yeung [Note that it is likely that the Public Lecture will be moved to Sunday Jul 16 early evening.]
7.30pm – 9.30pm	Dinner Banquet, OCPA Awards & Poster Awards Presentation Ceremony

Day 4: 26 July 20 2017 (Thursday)

	Venue:							
8.30am – 9.00am	Registration							
9.00 am – 11.00 am	Parallel Sessions (Part 1) - Please refer to the timetable below							
11.00am – 11.30am	Coffee Break							
11.30am – 1.00pm	Parallel Sessions (Part 2) - Please refer to the timetable below							
1.00pm – 2.00pm	Lunch							
	Chair: Plenary VII							
2.00pm – 2.30pm	Plenary 15—Zhong Fang							
2.30pm – 3.00pm	Plenary 16—Yayu Wang							
3.00pm – 3.30pm	Coffee Break							
3:30pm – 4.30pm	Closing Ceremony							

Day 1: Parallel Sessions (Part 1 1:00 – 3:00 pm)

	AC1	AMO1	BP1	CHE1	CM1	CM2	HEP1	NP Forum	CP1	SM1	Award Session I
	Venue: Chair: Wu- Tsung Weng	Chin-Wen Chou	Dongping Zhong	Wei-Tao Liu	Ying Jiang	Yuanbo Zhang					
1.00pm – 3.00pm											

Day 1: Parallel Sessions (Part 2 3:30 – 5:30 pm)

	AS1	AMO2	BP2	CP2	СМЗ	СМ4	HEP2	NP1	PL1	SM2	Award Session II
	Venue: Chair:	Dave Weiss	Yiqin Gao		Shuyun Zhou	Peide Ye			Zhe Gao		
3.30pm – 5.30pm											

Day 2: Parallel Sessions (Part 1 1:00 – 3:00 pm)

	AS2	AMO3	ВР3	CP3	CM5	СМ6	НЕР3	NP2	PL2	SM3	AC Forum
	Venue: Chair:	Zheng-Tian Lu	Feng Gai		Gang Cao	Xiufeng Han			Zhengmao Sheng		
1.00pm – 3.00pm											

Day 2: Parallel Sessions (Part 2 3:30 – 5:30 pm)

	AC2	CG1	BP4	CHE2	CM7	CM8	HEP4	NP3	PE1	PL3	
	Venue: Chair: Qin Qing		John Zhang	Andong Xia	Dunghai Lee	Jian Shen			Guangtian Zhu	Zhengming Sheng	
m – 5.30pm											

Day 4: Parallel Sessions (Part 1 9:00 – 11:00 am)

	AC3	AMO4	CG2	CHE3	СМ9	CM10	HEP5	PE2	PL4	SM4	NP4
	Venue: Chair: Zheng- Tang Zhao	Tongcang Li		Hongmei Su	Yulin Chen	Guangyu Zhang		Bao Yi	Jiansen He		
9.00pm – 11.00am											

Day 4: Parallel Sessions (Part 2 11:30 am - 1:00 pm)

	AS3	AMO5	BP5	CP4	CM11	CM12	НЕР6	NP5	PE3	PL5	
	Venue: Chair:	Yingmei Liu	Jie Yan		Jinfeng Jia	Zhenyu Zhang			Weiping Hu	Yu Lin	
11.30am – 1.00pm											

SUMMARY:

Plenary: 15 speakers (includes 2 on Science Education); 30 minutes each

Parallel: 60 sessions (total hours: 11 hours 30 minutes x 10 = 116 hours)

Public Lecture: 1

Forums: 3 (Nobel Laureates on Different Approaches, Women in Physics, Science Education)

PARALLEL SESSION BREAKDOWN:

AC	3
AMO	5
AS	3
BP	5
CG	2
CHE	3
CM	12
CP	4
HEP	6
NP	5
PE	3
PL	5
SM	4