

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

## Tentative Programme

Main Auditorium, Tsinghua University, Beijing

### Legend:

<b>AC</b>	Accelerator Physics	<b>CHE</b>	Chemical Physics	<b>NP</b>	Nuclear Physics
<b>AMO</b>	Atomic, Molecular and Optical Physics	<b>CM</b>	Condensed Matter and Materials Sciences	<b>PE</b>	Physics/Science Education
<b>AS</b>	Astronomy & Astrophysics	<b>CP</b>	Computational and Mathematical Physics	<b>PL</b>	Plasma Physics
<b>BP</b>	Biophysics	<b>HEP</b>	High Energy /Particle Physics	<b>SM</b>	Statistical Mechanics and Nonlinear Physics
<b>CG</b>	Cosmology & Gravitation				

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

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

## Day 3: July 19 2017 (Wednesday)

	<b>Venue:</b>
8.30am – 9.00am	Registration
	<b>Chair: Plenary IV</b>
9.00am – 9.30am	<b>Plenary 9—Chris Monroe</b>
9.30am – 10.00am	<b>Plenary 10—Xiangdong Ji</b>
10.00am – 10.30am	<b>Coffee Break</b>
	<b>Chair: Plenary V</b>
10.30am – 11.00pm	<b>Plenary 11—Shangr Gwo</b>
11.00pm – 11.30pm	<b>Plenary 12—Hui Cao</b>
11.30pm – 1.00pm	<b>Lunch</b>
1.00pm – 2.00pm	<b>Women in Physics Symposium (Forum)</b> Moderator: Manling Sui Panellists: Hui Cao, Haiyan Gao, Raynien Kwo, Quan Li, Yu Wei (tentative)
2.00pm – 2.30pm	<b>Coffee Break</b>
	<b>Chair: Plenary VI (Science/Physics Education)</b>
3:00pm – 3.30pm	<b>Plenary 13—Yu Wei</b>
3:30pm – 4:00pm	<b>Plenary 14—Yuxin Liu</b>
4.30pm – 5:30pm	<b>Panel Discussion on Science Education (Forum): International Collaboration in Physics Education</b> 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	<b>Dinner Banquet, OCPA Awards &amp; Poster Awards Presentation Ceremony</b>

## 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**





**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:**

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