

*The National Academies of*  
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DIVISION ON ENGINEERING AND PHYSICAL SCIENCES  
BOARD ON PHYSICS AND ASTRONOMY

**U.S.-Based Electron Ion Collider Science Assessment Committee**  
**April 19-20, 2017**

Beckman Center of the National Academies  
100 Academy Drive  
Irvine, California 92617

**Wednesday, April 19, 2017**  
**Huntington Room**

8:00 AM      *Breakfast available in meeting room*

***Closed Session***

9:00 AM      **Welcome**  
Gordon Baym, co-chair

9:10 AM      **General Discussion and review of previous meeting**

***Open Session***

10:00 AM      **Physics of gluon saturation**  
Jean-Paul Blaizot, IPHT CEA-Saclay

10:45 AM      *Break*

11:00 AM      **Heavy ion physics at CERN**  
Peter Braun-Munzinger, GSI (*committee member*)

11:45 AM      *Lunch*

12:45 PM      **Deep inelastic scattering**  
Amanda Cooper-Sarkar, Oxford University

1:30 PM      **Theoretical perspectives on EIC science**  
Xiangdong Ji, Shanghai Jiao Tong University/University of Maryland

2:15 PM      *Break*

- 2:30 PM      **JLAB 5-year physics agenda**  
Zein-Eddine Meziani, Temple University (*committee member*)
- 3:15 PM      **Science potential of a U.S.-based EIC**  
Abhay Deshpande, Stony Brook University
- 4:00 PM      **Discussion**
- 5:00 PM      *Break*

***Closed Session***

- 5:50 PM      *Meet at hotel to take shuttle to dinner*
- 6:30 PM      *Dinner at 21 Oceanfront located at 2100 W. Oceanfront, Newport Beach, CA*
- 8:30 PM      *Adjourn for day*  
*Shuttle back to hotel*

**Thursday, April 20, 2017**  
**Huntington Room**

- 8:00 AM      *Breakfast available in meeting room*

***Closed Session***

- 9:00 AM      **Discussion:**  
- Preliminary conclusions and recommendations  
- Report outline  
- Writing responsibilities  
- Further information gathering
- 10:45 AM      *Break*
- 11:00 AM      **Discussion, continued**
- 12:00 PM      *Lunch*
- 1:00 PM      **Discussion: future meetings, assignments, and schedule**
- 2:00 PM      *Adjourn*

<b>NOTES</b>
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**Location:** The Beckman Center is located on the campus of the University of California, Irvine, and is approximately 3 miles from Orange County John Wayne Airport. See the following website for more information, including directions: <http://www7.nationalacademies.org/beckman/>.

**Hotel:** A block of rooms has been reserved for the committee's use at the Duke Hotel, 4500 MacArthur Blvd, Newport Beach, CA 92660; phone: 844-781-7379. Additional information, including directions can be found at the hotel's website: <http://www.marriott.com/hotels/travel/npbbr-the-duke-hotel-newport-beach/>.

**Dinner:** The committee will hold a working dinner at 21 Oceanfront located at 2100 W. Oceanfront, Newport Beach, CA. All meeting participants can attend. The Academies can pay for members of the committee and guest speakers. Unfortunately, the Academies cannot pay for federal employees.

**Parking:** There is plenty of free parking at the Beckman Center.

**Airports:** Orange County/John Wayne Airport (SNA) is about 3 miles from the Beckman Center. Los Angeles International Airport (LAX) is about 40 miles from the meeting site. Long Beach Airport (LGB) is about 26 miles away.

<b>REMOTE CONNECTION INFORMATION (OPEN SESSIONS ONLY)</b>
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Wednesday, April 19, 2017

**To join the online meeting, go to:**

<https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m826d50699841ca14a531c301f7d5180d>

Meeting Password: electron

**To connect by phone, dial:**

Call-in toll-free number: 1-(866) 668-0721 (US)

Call-in number: 1-(845) 977-0098 (US)

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