

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

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*