

# **2018 NSLS-II and CFN Users' Meeting**

## **Report of Contributions**

Contribution ID: **0**

Type: **not specified**

## Early Registration

*Sunday, 20 May 2018 16:00 (3 hours)*

Contribution ID: 1

Type: **not specified**

## **Exhibitor Set Up (optional)**

*Sunday, 20 May 2018 16:00 (3 hours)*

Contribution ID: 2

Type: **not specified**

## **Poster Set Up (optional)**

*Sunday, 20 May 2018 16:00 (3 hours)*

Contribution ID: 3

Type: **not specified**

## **Registration Office opens (All attendees must check in before attending any event)**

*Monday, 21 May 2018 07:00 (10 hours)*

Contribution ID: 4

Type: **not specified**

## Exhibitor Set up

*Monday, 21 May 2018 07:30 (6h 30m)*

Contribution ID: 5

Type: **not specified**

## Posters (Available for Viewing)

*Monday, 21 May 2018 10:30 (8h 30m)*

Contribution ID: **8**

Type: **not specified**

## **Exhibitor Fair**

*Monday, 21 May 2018 15:00 (2 hours)*



Contribution ID: 9

Type: **not specified**

## Exhibitor Reception

*Monday, 21 May 2018 17:00 (2 hours)*

Contribution ID: **10**

Type: **not specified**

## **Registration Office Opens (All attendees much check in before attending any event)**

*Tuesday, 22 May 2018 07:00 (10 hours)*

Contribution ID: **11**

Type: **not specified**

## **Exhibitor Session**

*Tuesday, 22 May 2018 08:00 (9 hours)*

Contribution ID: 12

Type: **not specified**

## **Posters (Available for Viewing)**

*Tuesday, 22 May 2018 08:00 (9 hours)*

Contribution ID: **21**

Type: **not specified**

## **Lunch (Included)**

*Tuesday, 22 May 2018 11:30 (1h 30m)*

Contribution ID: 22

Type: **not specified**

## **Joint UEC Lunch with Andrew Schwartz, BES**

*Tuesday, 22 May 2018 11:30 (1h 30m)*

### **Summary**

Contribution ID: 29

Type: **not specified**

## **Buses Depart for Banquet at Giorgios**

*Tuesday, 22 May 2018 18:30 (10 minutes)*

Contribution ID: **30**

Type: **not specified**

## **Users' Meeting Annual Banquet**

*Tuesday, 22 May 2018 19:00 (3 hours)*



Contribution ID: **38**

Type: **not specified**

## **Lunch Break**

*Wednesday, 23 May 2018 11:30 (1h 30m)*

(Included - ticket required)

Contribution ID: **39**

Type: **not specified**

## **Posters Available for Viewing**

*Wednesday, 23 May 2018 11:30 (1h 30m)*

### **Summary**

Contribution ID: 40

Type: **not specified**

## **BNL Exhibitor Networking Session (Open to all BNL)¶**

*Wednesday, 23 May 2018 11:30 (1h 30m)*

### **Summary**

Contribution ID: 45

Type: **not specified**

## **Registration Office Opens (All attendees much check in before attending any event)**

*Wednesday, 23 May 2018 08:00 (6 hours)*

Contribution ID: 46

Type: **not specified**

## **Exhibitor Raffle Prizes Awarded**

*Wednesday, 23 May 2018 12:00 (30 minutes)*

Contribution ID: 48

Type: **not specified**

## Registration Office Closes

*Monday, 21 May 2018 17:00 (5 minutes)*

Contribution ID: 49

Type: **not specified**

## Registration Office Closes

*Tuesday, 22 May 2018 17:00 (5 minutes)*

Contribution ID: 50

Type: **not specified**

## Registration Office Closes

*Wednesday, 23 May 2018 14:00 (5 minutes)*



Contribution ID: 51

Type: **not specified**

## Welcome

*Tuesday, 22 May 2018 08:30 (10 minutes)*

**Presenter:** GIBBS, Doon (Director, Brookhaven National Laboratory)

**Session Classification:** Official Plenary Session

Contribution ID: 52

Type: **not specified**

## Introduction

*Tuesday, 22 May 2018 08:40 (5 minutes)*

**Presenter:** DEAN, Mark (Brookhaven National Laboratory)

**Session Classification:** Official Plenary Session

Contribution ID: 53

Type: **not specified**

## Office of Science, Basic Energy Sciences Report

*Tuesday, 22 May 2018 08:45 (40 minutes)*

### Summary

**Presenter:** SCHWARTZ, Andrew R. (Senior Technical Advisor for Energy Frontier Research Centers, U. S. Department of Energy)

**Session Classification:** Official Plenary Session

Contribution ID: 54

Type: **not specified**

## NSLS-II

*Tuesday, 22 May 2018 09:25 (30 minutes)*

**Presenter:** HILL, John (NSLS-II Director, Deputy ALD for Energy and Photon Sciences Directorate)

**Session Classification:** Official Plenary Session

Contribution ID: 55

Type: **not specified**

## CFN

*Tuesday, 22 May 2018 09:55 (30 minutes)*

**Presenter:** BLACK, Charles (Director, Center for Functional Nanomaterials)

**Session Classification:** Official Plenary Session

Contribution ID: **56**

Type: **not specified**

## **Photo Session**

*Tuesday, 22 May 2018 10:25 (15 minutes)*

DOE and BNL Management, NSLS-II and CFN User Executive Committee Members, Users' Meeting  
Planning Committee

**Session Classification:** Official Plenary Session

Contribution ID: 57

Type: **not specified**

## Poster Session and Judging

*Tuesday, 22 May 2018 10:25 (1h 35m)*

**Session Classification:** Official Plenary Session

Contribution ID: 59

Type: **not specified**

## **Emerging Nanomaterials and Nanostructures for Plasmonics and Nanophotonics Applications**

*Tuesday, 22 May 2018 13:00 (5h 30m)*

[View Agenda](#)

**Session Classification:** Workshops



Contribution ID: **60**

Type: **not specified**

## **Soils for a Sustainable Future**

*Tuesday, 22 May 2018 13:00 (5h 30m)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: **61**

Type: **not specified**

## **Characterization of Electrochemical Energy Storage Systems: Advanced Spectroscopy, Microscopy and Diffraction Techniques**

*Tuesday, 22 May 2018 13:00 (5h 30m)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: **62**

Type: **not specified**

## **Nanoscale Phenomena in Quantum Materials**

*Wednesday, 23 May 2018 13:00 (6 hours)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: 63

Type: **not specified**

## **One-stop BNL Characterization Toolbox for the Rational Design of Clean Fuel Catalysts**

*Wednesday, 23 May 2018 13:00 (6 hours)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: **64**

Type: **not specified**

## **Synchrotron Infrared Spectroscopy on Materials in Extreme Environments**

*Wednesday, 23 May 2018 13:00 (6 hours)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: 65

Type: **not specified**

## **High-throughput and Data-driven Approaches Guiding Smart Operando Experiments**

*Tuesday, 22 May 2018 13:00 (5h 30m)*

[View Agenda](#)

**Session Classification:** Workshops

Contribution ID: **66**

Type: **not specified**

## Welcome

*Wednesday, 23 May 2018 08:25 (5 minutes)*

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 67

Type: **not specified**

## **Tailoring Light with Metamaterials and Plasmonics**

*Wednesday, 23 May 2018 08:30 (40 minutes)*

### **Summary**

**Presenter:** ALÙ, Andrea (City University of New York)

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman



Contribution ID: **68**

Type: **not specified**

## **The Materials Physics of Complex Oxide Heterostructures**

*Wednesday, 23 May 2018 09:10 (40 minutes)*

**Presenter:** AHN, Charles (Yale University)

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 69

Type: **not specified**

## **X-ray Absorption Spectroscopy in Heterogeneous Catalysis and Electro-catalysis Studies**

*Wednesday, 23 May 2018 10:05 (40 minutes)*

### **Summary**

**Presenter:** OZKAN , Umit (Ohio State University)

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 70

Type: **not specified**

## Baumert Award Presentation

*Wednesday, 23 May 2018 10:45 (20 minutes)*

### Summary

**Presenter:** MAXWELL TERBAN, MAX-PLANCK INSTITUTE FOR SOLID STATE RESEARCH, STUTTGART  
(Award presented by Qun Shen, Deputy Director for Science, NSLS-II)

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 71

Type: **not specified**

## Poster Session Awards

*Wednesday, 23 May 2018 11:05 (15 minutes)*

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 72

Type: **not specified**

## **Introduction of the 2018-2019 New UEC Members**

*Wednesday, 23 May 2018 11:20 (10 minutes)*

**Presenters:** DIMARZIO, Don (Northrup Grumman, CFN UEC Chair); BOHON, Jen (Case Western University, NSLS-II UEC Chair)

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrup Grumman

Contribution ID: 73

Type: **not specified**

## **Bringing Big Science into the Classroom**

[View Agenda](#)

Contribution ID: 74

Type: **not specified**

## **Hands-On Data Acquisition and Analysis Tutorial**

[View Agenda](#)

Contribution ID: 75

Type: **not specified**

## **Bringing Big Science into the Classroom**

*Monday, 21 May 2018 09:00 (8 hours)*

[View Agenda](#)

**Session Classification:** Workshops



Contribution ID: 76

Type: **not specified**

## **Hands-On Data Acquisition and Analysis Tutorial**

*Monday, 21 May 2018 13:00 (4 hours)*

[View Agenda](#)

### **Summary**

**Session Classification:** Workshops

Contribution ID: 77

Type: **not specified**

## Morning Break

*Tuesday, 22 May 2018 10:25 (15 minutes)*

**Session Classification:** Official Plenary Session

Contribution ID: 78

Type: **not specified**

## Morning Break

*Wednesday, 23 May 2018 09:50 (15 minutes)*

**Session Classification:** Scientific Plenary Session - Session Chair: Don DiMarzio, Northrop Grumman

Contribution ID: 79

Type: **not specified**

## Exhibitor Session

*Wednesday, 23 May 2018 08:00 (6 hours)*

Contribution ID: **80**

Type: **not specified**

## **NSLS-II and CFN Facility Tours (Exhibitors and Meeting Participants)**

*Monday, 21 May 2018 13:00 (1 hour)*

### **Summary**

Contribution ID: **81**

Type: **not specified**

## **NSLS-II Tours: Diffraction / Scattering and Structural Bio Beamlines**

*Tuesday, 22 May 2018 15:00 (1 hour)*

### **Summary**

Contribution ID: **82**

Type: **not specified**

## **NSLS-II Tours: Imaging and Spectroscopy Beamlines**

*Wednesday, 23 May 2018 15:00 (1 hour)*

### **Summary**

Contribution ID: **83**

Type: **not specified**

## **BNL Exhibitor Networking Session and Presentations (Open to all BNL)**

*Tuesday, 22 May 2018 09:30 (2h 30m)*