

## AGENDA

### MONDAY, FEBRUARY 12TH, 2018

- 3:00 PM - ONWARDS**    **ARRIVAL AND HOTEL CHECK-IN  
MAIN LOBBY**
- 3:00 PM - 5:00 PM**    **WORKSHOP AND CONFERENCE REGISTRATION  
MAIN LOBBY**
- 9:00 AM - 5:00 PM**    **EXTERNAL ADVISORS MEETING  
MAGAZINE**
- 6:00 PM - 8:00 PM**    **POSTER SESSION SETUP  
JEFFERSON**

### 5TH BIOXFEL INTERNATIONAL CONFERENCE

### TUESDAY, FEBRUARY 13TH, 2018

- 8:35 AM – 8:45 AM**    **CONFERENCE WELCOME - ST. JAMES**  
Conference Co-Chairs: James Fraser (UCSF) and Richard Kirian (ASU)
- 8:45 AM – 10:45 AM**    **EXPLOITING THE TIME RESOLUTION OF SFX - ST. JAMES**  
Session Chairs: TBD
- 8:45 AM – 9:05 AM    Minoru Kubo (RIKEN)  
Time-resolved XFEL crystallography and *in crystallo* spectroscopy for probing reaction dynamics of respiratory metalloenzymes
- 9:05 AM – 9:15 AM    Discussion
- 9:15 AM – 9:35 AM    Allen Orville (Diamond Light Source)  
Title TBD
- 9:35 AM – 9:45 AM    Discussion
- 9:45 AM – 10:05 AM    Petra Fromme (ASU)  
Title TBD
- 10:05 AM – 10:15 AM    Discussion
- 10:15 AM – 10:45 AM**    **COFFEE BREAK - THE DISTRICT**
- 10:45 AM – 11:05 AM    Tatiana Domratheva (MPI-H)  
Title TBD
- 11:05 AM – 11:15 AM    Discussion
- 11:15 AM – 11:30 AM**    **Short Talk**  
Title TBD
- 11:30 AM – 11:35 AM**    **Discussion**

- 11:35 AM – 11:50 AM** Short Talk  
Title TBD
- 11:50 AM – 11:55 AM** Discussion
- 12:00 PM – 1:45 PM** **LUNCH GENERAL GROUP - ST. CHARLES**
- 12:00 PM – 1:00 PM** **LUNCH PRESENTATION ON BIOXFEL OPPORTUNITIES FOR UNIVERSITY OF PUERTO RICO STUDENTS ONLY - MAGAZINE**
- 1:00 PM – 1:45 PM** **ASSESSMENT MEETING FOR BIOXFEL POSTDOCS ONLY - JACKSON**
- 1:45 PM – 3:00 PM** **ALTERNATIVE SCIENTIFIC CAREER DISCUSSION PANEL - MAGAZINE**  
Chair: TBD
- 3:00 PM – 5:20 PM** **USING XFELS ON NON-CRYSTALLINE TARGETS - ST. JAMES**  
Session Chair: **TBD**
- 3:00 pm – 3:20 pm Jochen Hub (Gottingen)  
Interpretation of (time-resolved) solution X-ray scattering data by explicit-solvent molecular dynamics simulation
- 3:20 pm – 3:30 pm Discussion
- 3:30 pm – 3:50 pm Michael Brown (U of Arizona)  
**TBD**
- 3:50 pm – 4:00 pm Discussion
- 4:00 PM – 4:20 PM** **COFFEE BREAK - THE DISTRICT**
- 4:20 pm – 4:40 pm Carolin Seuring (CFEL)  
X-ray coherent diffraction of amyloid fibrils on graphene: past, present and future
- 4:40 pm – 4:50 pm Discussion
- 4:50 pm – 5:10pm Brenda Hogue (ASU)  
**TBD**
- 5:10 pm – 5:20 pm Discussion
- 5:20 PM – 5:45 PM** **POSTER BLITZ - ST. JAMES**  
Chair: TBD
- 6:00 PM - 9:00 PM** **DINNER AT BARCADIA / OHM LOUNGE [CLICK HERE FOR MAP](#)**  
601 Tchoupitoulas St, New Orleans, LA 70130

**WEDNESDAY, FEBRUARY 14TH, 2018**

**8:45 AM – 10:45 AM GETTING SAMPLE TO THE BEAM - ST. JAMES**

Session Chairs: **TBD**

8:45 AM – 9:05 AM Andrea Katz (Cornell)

**TBD**

9:05 AM – 9:15 AM Discussion

9:15 AM – 9:35 AM Marie Gruenbein (MPI-H)

**TBD**

9:35 AM – 9:45 AM Discussion

9:45 AM – 10:05 AM Sarah Perry (UMass Amherst)

Graphene Microfluidics for Room Temperature Crystallography

10:05 AM – 10:15 AM Discussion

**10:15 AM – 10:45 AM COFFEE BREAK - THE DISTRICT**

10:45 AM – 11:05 AM Alexandra Ros (ASU)

**TBD**

11:05 AM – 11:15 AM Discussion

**11:15 AM – 11:35 AM MATTHIAS FRANK (LBNL)**

**TBD**

11:35 AM - 11:45 AM DISCUSSION

**11:45 AM – 12:00 AM SHORT TALK**

**TBD**

**12:00 PM - 12:05 AM DISCUSSION**

**12:05 PM – 1:15 PM LUNCH GENERAL GROUP - ST. CHARLES**

**12:05 PM – 12:45 PM LUNCH ASSESSMENT MEETING FOR ALL WOMEN UNDERGRADS, GRADS, AND POSTDOCS - JACKSON**

**12:45 PM – 1:45 PM KEYNOTE SPEAKER: KRISTLE MCLAUGHLIN (VASSAR) - ST. JAMES**

Taking a Community Centered Approach to Diversity

**1:45 PM – 4:50 PM NEW APPLICATIONS IN SFX - ST. JAMES**

Session Chairs: **TBD**

1:45 PM – 2:05 PM Michael Hennig (LeadXpro)

**TBD**

2:05 PM – 2:10 PM Discussion

2:10 PM – 2:30 PM Andrea Markelz (UB)

**TBD**

2:30 PM – 2:40 PM Discussion

2:40 PM – 3:00 PM	Doeke Hekstra (Harvard) TBD
3:00 PM – 3:10 PM	Discussion
3:10 PM – 3:30 PM	Adrian Mancuso (EuXFEL) TBD
3:30 PM – 3:40 PM	Discussion
<b>3:40 PM – 4:10 PM</b>	<b>COFFEE BREAK - THE DISTRICT</b>
4:10 PM – 4:25 PM	Short Talk Title TBD
4:25 PM – 4:30 PM	Discussion
4:30 PM – 4:45 PM	Short Talk Title TBD
4:45 PM – 4:50 PM	Discussion
<b>4:50 PM – 6:30 PM</b>	<b>DINNER ON YOUR OWN</b>
<b>6:30 PM – 7:00 PM</b>	<b>MUSICAL PERFORMANCE BY BIOXFEL QUARTET</b>
<b>7:00 PM – 9:00 PM</b>	<b>POSTER COMPETITION - JEFFERSON</b> <b>7:00 - 8:00 EVEN POSTERS</b> <b>8:00 - 9:00 ODD POSTERS</b>

#### THURSDAY, FEBRUARY 15TH, 2018

<b>8:00 AM – 12:00 PM</b>	<b>POSTER SESSION CLEAN UP - JEFFERSON</b> *If you do not remove your poster you risk it being thrown away.
<b>8:45 AM – 11:45 PM</b>	<b>CHALLENGES IN DATA ANALYSIS - ST. JAMES</b> Session Chair: TBD
8:45 AM – 9:05 AM	Iris Young (LBNL) TBD
9:05 AM – 9:15 AM	Discussion
9:15 AM – 9:35 AM	Henry Chapman (DESY) TBD
9:35 AM – 9:45 AM	Discussion
9:45 AM – 10:05 AM	David Case (Rutgers) What can we learn from MD simulations of biomolecular crystals?
10:05 AM – 10:15 AM	Discussion
<b>10:15 AM – 10:45 AM</b>	<b>COFFEE BREAK - THE DISTRICT</b>



10:45 AM – 11:05 AM Helen Ginn (Diamond Light Source - Oxford)  
TBD

11:05 AM – 11:15 AM Discussion

11:15 AM – 11:30 AM Short Talk  
TBD

11:30 AM – 11:35 AM Discussion

**11:35 AM – 11:45 PM GROUP PHOTO TBD**

**11:45 AM – 1:00 PM LUNCH GENERAL GROUP - ST. CHARLES**

**1:00 PM – 4:00 PM BIOXFEL STC MEETING - FOR CENTER MEMBERS ONLY - ST. JAMES**

1:00 PM – 3:00 PM Future Beamtime Applications & Collaborations  
John Spence