

| Instructor/Speaker | Affiliation | Instructor/Speaker | Affiliation |
|--------------------|--------------------------------|--------------------|------------------------------------|
| Abeykoon, Milinda | Brookhaven National Laboratory | Ghose, Sanjit | Brookhaven National Laboratory |
| Bai, Jianming | Brookhaven National Laboratory | Juhas, Pavol | Brookhaven National Laboratory |
| Billinge, Simon | Columbia University/BNL | Kwon, Gihan | Brookhaven National Laboratory |
| Bozin, Emil | Brookhaven National Laboratory | Olds Daniel | Brookhaven National Laboratory |
| Chapman, Karena | Stony Brook University | Page, Katharine | SNS, Oak Ridge National Laboratory |
| Dooryhee, Eric | Brookhaven National Laboratory | Zhong, Hui | Brookhaven National Laboratory |
| Frandsen, Benjamin | UC Berkeley | | |

| Time | Session type | Topic | Speaker/instructor | Location |
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17-Sep-18

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|---------------------|--|--|-------------------------------------|-------------------|
| 7.30 am - 9.30 am | Registration and badging in Building 400 | | | Building 400 |
| 9.30 am - 10.00 am | Coffee/Breakfast | | | Brookhaven Center |
| 10.00 am - 10.05 am | Talk | Introduction | M. Abeykoon | |
| 10.05 am - 10.15 am | Talk | Welcome to NSLS-II | Q. Shen | |
| 10.15 am - 11.15 am | Talk | PDF Theory, Technique and Science | S. Billinge | |
| 11.15 am - 11.45 am | Talk | PDF Experimental Setup | M. Abeykoon | |
| 11.45 pm - 1.15 pm | Lunch break (Registration and badging in Building 400) | | | Berkner Hall |
| 1.15 pm - 3.00 pm | Hands-on session | 2D to 1D conversion of data using Fit2d and/or GSAS-II and/or xpdtools | Lead: M Abeykoon All instructors | Brookhaven Center |
| 3.00 pm - 3.15 pm | Coffee break/Group photo | | | |
| 3.15 pm - 3.45 pm | Talk | PDFGetx3 | Pavol Juhas | |
| 3.45 pm - 5.15 pm | Hands-on session | Data reduction using xPDFsuite | Lead: M Abeykoon All instructors | |
| 5.15 pm - 5.45 pm | Talk | Preperation for a successful experiment | E. Dooryhee | |
| 5.45 pm - 6.45 pm | Dinner | | | TBD |

18-Sep-18

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|---------------------|------------------|--|------------------------------------|-------------------|
| 8.00 am - 8.30 am | Breakfast | | | Brookhaven Center |
| 8.30 am - 9.30 am | Talk | Introduction to small box modeling using PDFgui | E Bozin | |
| 9.30 am - 10.15 am | Hands-on session | Simulating PDF using PDFgui | Lead: E.Bozin All Instructors | |
| 10.15 am - 10.30 am | Coffee break | | | |
| 10.30 am - 12.00 pm | Hands-on session | PDFgui structural refinement - Bulk materials part I | Lead: E Bozin All Instructors | |
| 12.00 pm - 1.00 pm | Lunch break | | | Berkner Hall |
| 1.00 pm - 3.00 pm | Hands-on session | PDFgui structural refinement - Bulk systems part II | Lead: E Bozin All Instructors | Brookhaven Center |
| 3.00 pm - 3.15 pm | Coffee break | | | |
| 3.15 pm - 5.00 pm | Hands-on session | PDFgui structural refinement - NP refinement | Lead: K Chapman All Instructors | |
| 5.00 pm - 7.00 pm | BBQ | | | |

19-Sep-18

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|---------------------|------------------|---|-----------------|-------------------|
| 8.30 am - 9.15 am | Talk | Neutron PDF/ORNL PDF beamlines | K Page | Brookhaven Center |
| 9.15 am - 10.15 am | Talk | Complex Modeling | P. Juhas | |
| 10.15 am - 10.45 am | Coffee break | | | |
| 10.45 am - 11.45am | Talk | Magnetic PDF | B. Frandsen | Berkner Hall |
| 11.45 am - 1.15 pm | Lunch break | | | |
| 1.15 pm - 1.30 pm | Hands-on session | Formation of small groups | | |
| 1.30 pm - 3.00 pm | Hands-on session | Data acquisition at 28-ID/Modeling of participants data | All instructors | |
| 3.00 pm - 3.15 pm | Coffee break | | | |
| 3.15 - 5.00 pm | Hands-on session | Data acquisition at 28-ID/Modeling of Participants data | All instructors | |
| 5.00 pm - 5.15 pm | Talk | Closing remarks/distribution of comment forms | M. Abeykoon | |
| 5.15 pm - 5.45 pm | Dinner | | | |