SSRL Summer School on Synchrotron X-Ray Absorption Spectroscopy
June 10-14, 2013
ADVANCED SESSION

June 12th–Wednesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 AM</td>
<td>Welcome and Refreshments</td>
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<tr>
<td>8:55 AM</td>
<td>Welcome Ritimukta Sarangi/John Bargar</td>
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<tr>
<td>9:00 AM</td>
<td>Introduction to XAS/EXAFS at SSRL Britt Hedman</td>
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<td>10:00 AM</td>
<td>Introduction to FEFF based EXAFS Data Analysis: Matt Newville</td>
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<tr>
<td>11:00 AM</td>
<td>Statistical Analysis of EXAFS Data Fitting: Corwin Booth</td>
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<td>12:00 PM</td>
<td>Lunch Break</td>
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<tr>
<td>1:00 PM</td>
<td>Difficult Problems in EXAFS Data Acquisition and Analysis: Graham George</td>
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<tr>
<td>2:00 PM</td>
<td>Break out session: 2 groups.</td>
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Venue: Redwood Rooms

2:15 PM  EXAFS Analysis Ritimukta Sarangi (group 1) John Bargar (group 2)
5:15 PM  End of Lectures

6:00 PM  Barbeque Dinner at the Quadrus Café – across Sand Hill road from SLAC

June 13th–Thursday

Venue: Redwood Rooms

8:30 AM  Refreshments
9:00 AM  FEFF Based XANES Data Analysis: Josh Kas
9:45 AM  Examples of FEFF Applied to XANES Data: Dan Freibel
10:30 AM XANES Data Analysis (Hands-on session): Josh Kas
12:00 PM Lunch Break

Venue: Redwood Rooms

1:00 PM  XANES Data Analysis (Hands-on session): Josh Kas
3:00 PM  Tea Break
3:15 PM  EXAFS Analysis Juan Lezama (group 1) John Bargar (group 2)
5:30 PM  Close Session

June 14th–Friday

Venue: Redwood Rooms
8:30 AM   Refreshments
9:00 AM   Electronic Structure Interpretation from XANES: Ritimukta Sarangi
10:00 AM  DFT Simulations of Pre-edges (Hands-on Session): Ritimukta Sarangi
11:00 PM  Proposal Writing and Result Reporting: Sam Webb
12:00 PM  Lunch Break

Venue: Redwood Rooms
1:00 PM   Individualized EXAFS Sessions (both Beginner and Advanced)
           Ritimukta Sarangi/ John Bargar/ Juan Lezama/ Courtney Krest
4:30 PM   Close Session