<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td><strong>Day 1</strong></td>
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<tr>
<td>8:30 - 9:00</td>
<td>Breakfast and Registration</td>
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<tr>
<td>9:00 - 9:10</td>
<td>Introduction</td>
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<tr>
<td>9:10 - 10:25</td>
<td><strong>Session 1</strong> Basic Crystallography</td>
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<tr>
<td>10:45 – 12:00</td>
<td><strong>Session 2</strong> Electron Scattering by Atoms, Unit Cells, and Crystals</td>
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<tr>
<td>12:00 – 12:45</td>
<td>Lunch</td>
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<tr>
<td>12:45 – 1:00</td>
<td>Recap/Q&amp;A</td>
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<tr>
<td>1:00 - 2:15</td>
<td><strong>Session 3</strong> Experimental Modalities and Geometries: SEM and TEM</td>
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<tr>
<td>2:45 - 3:30</td>
<td><strong>Session 4</strong> Electron Scattering: the Governing Equation</td>
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<td>3:45 – 5:00</td>
<td><strong>Session 5</strong> Solution Methods</td>
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<td>5:00 - 6:00</td>
<td>Social In Malone Hall First Floor Lobby</td>
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<tr>
<td><strong>Day 2</strong></td>
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<tr>
<td>8:30 - 9:00</td>
<td>Breakfast</td>
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<tr>
<td>9:00 – 9:15</td>
<td>Recap/Q&amp;A</td>
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<td>9:15 – 10:30</td>
<td><strong>Session 6</strong> TEM: Electron Diffraction from Perfect Crystals</td>
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<td>10:45 – 12:00</td>
<td><strong>Session 7</strong> SEM: Electron Diffraction from Perfect Crystals</td>
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<td>12:00 – 12:45</td>
<td>Lunch</td>
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<td>12:45 – 1:00</td>
<td>Recap/Q&amp;A</td>
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<td>1:00 - 2:15</td>
<td><strong>Session 8</strong> Defects in Crystals: Applications for SEM and TEM</td>
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<td>2:45 – 3:30</td>
<td><strong>Session 9</strong> Orientation Representations</td>
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<td>3:45 – 5:00</td>
<td><strong>Session 10</strong> Dictionary Indexing of Electron Diffraction Patterns</td>
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<tr>
<td>5:00 – 5:15</td>
<td>closing</td>
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*Unless otherwise noted, all events will take place in Malone Hall, room G33-35*