<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td><strong>Opening Remarks</strong></td>
<td>Dr. Kody Varahramyan, Vice President for Research and Dean of the Graduate School, University of Maine</td>
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<tr>
<td>8:00</td>
<td>Every Image is a Nail - Live Cell Imaging in Microfluidics using Epifluorescence</td>
<td>Dr. Joshua Kelley, Assistant Professor of Biochemistry, University of Maine</td>
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<tr>
<td>8:30</td>
<td>Microscopy to decipher the biophysics of germ granules using C. elegans</td>
<td>Dr. Dustin Updike, Assistant Professor, Regenerative Biology and Medicine, MDI Biological Laboratory</td>
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<tr>
<td>9:00</td>
<td>Intravital Imaging of Fungal-Innate Immune Interactions</td>
<td>Dr. Robert Wheeler, Associate Professor of Microbiology, University of Maine</td>
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<tr>
<td>9:30</td>
<td>Microscopy-based approaches to define the cellular and molecular basis of viral disease</td>
<td>Dr. Melissa Maginnis, Assistant Professor of Microbiology, University of Maine</td>
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<tr>
<td>10:00</td>
<td>Break</td>
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<tr>
<td>10:15</td>
<td>Super-Resolution Microscopy: Technical Advances Coupled to Biological Applications</td>
<td>Dr. Samuel T. Hess, Professor of Physics and Astronomy, University of Maine</td>
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<td>10:45</td>
<td>The MDIBL Light Microscopy Facility</td>
<td>Dr. Frederic Bonnet, Staff Scientist, MDI Biological Laboratory</td>
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<tr>
<td>11:15</td>
<td>Zebrafish as a model to understand how electrical stimulation impacts muscle health</td>
<td>Elisabeth Kilroy, Predoctoral student in Biomedical Science, University of Maine, Henry Lab</td>
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<tr>
<td>11:45</td>
<td>Multi-scale Imaging &amp; Biomedical Optics</td>
<td>Dr. Karissa Tilbury, Assistant Professor of Biomedical Engineering, University of Maine</td>
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<tr>
<td>12:15</td>
<td>Lunch</td>
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<tr>
<td>1:15</td>
<td>Tour - CORE Electron Microscopy Lab</td>
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<tr>
<td>1:45</td>
<td>Tour - CORE Microfabrication Cleanroom</td>
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<td>2:15</td>
<td>Walk back to Stodder</td>
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<tr>
<td>2:30</td>
<td>Live imaging calcium transients during kidney development using GcaMP6</td>
<td>Dr. Iain Drummond, Professor and Director, Davis Center for Aging and Regeneration, Regenerative Biology and Medicine, MDI Biological Laboratory</td>
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<tr>
<td>3:00</td>
<td>Computational/microscopic analysis of the changes in chromatin architecture during aging</td>
<td>Dr. Sam Beck, Assistant Professor of Computational Biology, MDI Biological Laboratory</td>
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<td>3:30</td>
<td>Image analysis for x-ray, 3D holography, DIC, confocal, widefield, 2-photon fluorescence and Second Harmonic Generation Microscopies</td>
<td>Dr. Andre Khalil, Associate Professor of Biomedical Engineering, University of Maine</td>
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<td>4:00</td>
<td>Closing Remarks</td>
<td>Dr. David Harder, University Research Professor of Medicine, University of Maine</td>
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