This workshop will highlight the need for next-generation instruments and toolsets for structural biology, with a focus on neutrons and other complementary techniques, and the development of integrated experimental and computational frameworks that connect them.

The workshop will:

- Highlight challenges in biochemistry, structural biology, enzymology, and drug design that remain difficult to address with current technologies.
- Identify capability gaps and developments in scattering, diffraction, imaging, and computational science that are needed to address them.
- Discuss opportunities at next generation neutron, x-ray, and computational facilities, where orders of magnitude gains in performance will drive structural biology research towards new frontiers.

The workshop will be a forum for structural biology and biochemistry experts, early career researchers, and students to discuss scientific advancement and collaboration. The workshop will include a 1-day satellite training workshop (June 10, 2024) to educate graduate students and postdoctoral researchers in the application of neutron techniques in structural biology.

**Confirmed Speakers**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Linna An</td>
<td>University of Washington</td>
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<tr>
<td>Gloria Borgstahl</td>
<td>University of Nebraska Medical Center</td>
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<tr>
<td>Wah Chiu</td>
<td>SLAC</td>
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<tr>
<td>Aina Cohen</td>
<td>SSRL, SLAC</td>
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<tr>
<td>James Fraser</td>
<td>University of California San Francisco</td>
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<tr>
<td>Ken Herwig</td>
<td>ORNL / STS</td>
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<tr>
<td>Andrzej Joachimiak</td>
<td>Argonne National Laboratory</td>
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<tr>
<td>Jonathan Nickels</td>
<td>University of Cincinnati</td>
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<tr>
<td>Katherine O'Toole</td>
<td>New England Biolabs</td>
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<td>Zoran Radic</td>
<td>University of California San Diego</td>
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<tr>
<td>Stephen Ragsdale</td>
<td>University of Michigan</td>
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<tr>
<td>Arvind Ramanathan</td>
<td>Vanderbilt University</td>
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<tr>
<td>Charles Sanders</td>
<td>Argonne National Laboratory</td>
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<tr>
<td>Jeremy Smith</td>
<td>ORNL / University of Tennessee Knoxville</td>
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<tr>
<td>Olivier Soubias</td>
<td>National Cancer Institute</td>
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<tr>
<td>Susan Tsutakawa</td>
<td>Lawrence Berkeley National Laboratory</td>
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<tr>
<td>Solchi Wakatsuki</td>
<td>Stanford University / SLAC</td>
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<tr>
<td>Christopher Williams</td>
<td>University of California Riverside</td>
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<tr>
<td>Wen Zhang</td>
<td>Indiana University School of Medicine</td>
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**Organizing Committee**

Andrey Kovalevsky, ORNL, kovalevsky@ornl.gov
Flora Meilleur, ORNL and North Carolina State University, meilleur@ornl.gov
Dean Myles, ORNL, mylesda@ornl.gov
Hugh O’Neill, ORNL, oneillhm@ornl.gov

**Local Contacts**

Keosha Anderson, ORNL, andersonkj@ornl.gov
Kristen Summey, ORNL, summeyka@ornl.gov