

# Day 1 - August 22, 2023

Start	End	Speaker	Affiliation	Session/Title
8:00 AM	9:00 AM			
9:00 AM	9:30 AM			
9:30 AM	10:00 AM			
10:00 AM	11:30 AM	<b>EAC MEETING: ISTB 1108</b>		
11:30 AM	1:00 PM	Lunch/Registration: <b>ISTB 1st Floor Lobby Rm. 1400</b>		
<b>Center Overview Session (All talks in ISTB Room 1404)</b>				
1:00 PM	1:30 PM	Thomas O'Halloran	Michigan State University	<i><b>P41 QE-Map Overview: Advancements in Elemental Imaging and Analysis</b></i>
1:30 PM	2:00 PM	Keith MacRenaris	Michigan State University	<i><b>TR&amp;D 1: LA-ICP-MS and High Throughput Elemental Histology</b></i>
2:00 PM	2:30 PM	Chris Jacobsen	Northwestern University	<i><b>TR&amp;D 2: X-ray fluorescence at Argonne: Before and After the Upgrade of the Advanced Photon Source</b></i>
2:30 PM	3:00 PM	Cheng Sun	Northwestern University	<i><b>TR&amp;D 3: Photoacoustic Microscopy for In Vivo and Whole Tissue Imaging</b></i>
3:00 PM	3:30 PM	Break/Recap - Cookies from MSU Bakers Location: <b>ISTB 1st Floor Lobby Rm. 1400</b>		
<b>Symposium Session 1 (All Talks in ISTB Rm. 1404)</b>				
3:30 PM	4:00 PM	Svetlana Lutsenko	Johns Hopkins University	<i><b>Intracellular Copper Redistribution During Cell Differentiation</b></i>
4:00 PM	4:30 PM	Christoph Fahrni	Georgia Technological University	<i><b>Zinc-Selective Fluorescent Probes for Two-Photon Excitation Microscopy</b></i>
4:30 PM	5:00 PM	Young-Ah Seo	University of Michigan	<i><b>Manganese: Unsung Hero for Physiology?</b></i>
5:00 PM	6:00 PM	Poster Session Location: <b>ISTB 1st Floor Lobby</b>		
6:00 PM	9:00 PM	Dinner Location: <b>Cowle's House, 1 Abbot Rd.</b>		

# Day 2 - August 23, 2023

Start	End	Speaker	Affiliation	Session/Title
<p>8:00 AM 9:00 AM</p> <p style="text-align: center;">Breakfast/Check In Location: <b>ISTB 1st Floor Lobby Rm. 1400</b></p>				
<b>Symposium Session 2 (All Talks in ISTB Rm. 1404)</b>				
9:00 AM	9:25 AM	Weilue He	Michigan Technological University	<i>Mapping of Bioresorbable Stent Derived Rare Earth Metals in Mouse Aorta</i>
9:25 AM	9:50 AM	Graham George	University of Saskatchewan	<i>Examining the Interplay Between Toxic Elements using Synchrotron Radiation</i>
9:50 AM	10:15 AM	Bong Hong	Michigan State University	<i>Effect of Iron Deficient Diet on Metal Homeostasis of Mouse Tissues, and Inorganic Signatures of Heart Failure Mouse Models</i>
10:15 AM	10:40 AM	Soo Hyun Ahn	Michigan State University	<i>Iron Deposition in Epididymis Linked to Fibrosis and Infertility in Autoimmune Regulator Deficient Male Mice</i>
<p>10:45 AM 11:00 AM</p> <p style="text-align: center;">Coffee Break Location: <b>ISTB 1st Floor Lobby Rm. 1400</b></p>				
<b>Student/Post Doctoral Session (All Talks in ISTB Rm. 1404)</b>				
11:00 AM	11:20 AM	Aidan Reynolds (Tian Qiu)	Michigan State University	<i>Optimization of LA-ICP-TOF and MALDI-TOF Imaging Mass Spectrometry for Caenorhabditis elegans Research</i>
11:20 AM	11:40 AM	Jacquelyn Spathies (Eric Skaar)	Vanderbilt University	<i>Multimodal Imaging of the Gastrointestinal Tract of Zebrafish</i>
11:40 AM	12:00 PM	Adelita Mendoza (Kornfeld/Diwan)	Washington University	<i>Lysosomes Contain an Expansion Compartment that Mediates Zinc Transporter Delivery to Promote Zinc Homeostasis in C. elegans</i>
<p>12:00 PM 1:00 PM</p> <p style="text-align: center;">Lunch/Partner Talks Location: <b>ISTB 1st Floor Rm. 1404</b></p>				
<b>Workshop Day 1</b>				
1:00 PM	1:30 PM	Keith MacRenaris	Michigan State University	<b>Workshop Overview</b>
<b>Workshop Session #1</b>				
<p>1:30 PM 2:30 PM</p>				
<p>2:30 PM 3:00 PM</p> <p style="text-align: center;">Coffee Break Location: <b>ISTB 1st Floor Lobby Rm. 1400</b></p>				
<b>Workshop Session #2</b>				
<p>3:00 PM 4:30 PM</p>				
<p>4:30 PM 6:00 PM</p> <p style="text-align: center;">Poster Session Location: <b>ISTB 1st Floor Lobby</b></p>				
<p>6:00 PM 8:00 PM</p> <p style="text-align: center;">Dinner Location: <b>ISTB 1st Floor Lobby Rm. 1400</b></p>				

# Day 3 - August 24, 2023

Start	End	Speaker	Affiliation	Session/Title
8:00 AM	9:00 AM			Breakfast/Check In Location: <b>ISTB 1st Floor Lobby Rm. 1400</b>
<b>Workshop Day 2</b>				
9:00 AM	10:30 AM			<b>Workshop Session #3</b>
10:30 AM	11:00 AM			Coffee Break Location: <b>ISTB 1st Floor Lobby Rm. 1400</b>
11:00 AM	12:00 PM			<b>Workshop Session #4</b>
12:00 PM	1:00 PM			Lunch Location: <b>ISTB 1st Floor Rm. 1404</b>
1:00 PM	2:30 PM	Andrew Crawford Keith MacRenaris	Michigan State University	<b>Data Analysis Workshop #1</b>
2:30 PM	3:00 PM			Coffee Break Location: <b>ISTB 1st Floor Lobby Rm. 1400</b>
3:00 PM	4:00 PM	Andrew Crawford Keith MacRenaris	Michigan State University	<b>Data Analysis Workshop #2</b>
4:00 PM	4:30 PM			End of QE-Map P41 Workshop Location: <b>ISTB 1st Floor Lobby</b>