

Agenda: HTE-MC Workshop (2/28—3/2)

Wednesday, February 28, 2018		
Time	Activity	Outputs
8:00 AM — 8:20 AM	Arrive and pass security	1. Shared vision of HTE-MC 2. Value proposition (by stakeholder type)
8:20 AM — 9:00 AM	Opening Remarks and Technical Definition <ul style="list-style-type: none"> • Eric Lin, <i>NIST</i> • James Warren, <i>NIST</i> • Martin Green, <i>NIST</i> • Zachary Trautt, <i>NIST</i> 	
9:00 AM — 10:20 AM	Invited Talks 1: Potential Macro-Impacts of HTE-MC <ul style="list-style-type: none"> • Ichiro Takeuchi, <i>University of Maryland</i> • Eric Miller, <i>DOE</i> • Santosh Suram, <i>Toyota Research Institute</i> • Frank Gayle, <i>NIST</i> 	
10:20 AM — 10:40 AM	BREAK	
10:40 AM — 12:00 PM	Invited Talks 2: Potential Macro-Impacts of HTE-MC <ul style="list-style-type: none"> • Lloyd Whitman, <i>White House OSTP</i> • Joshua Tappan, <i>Citrine Informatics</i> • Dan Miracle, <i>AFRL</i> • Alysia Garmulewicz, <i>University of Santiago</i> 	
12:00 PM — 12:30 PM	[Group Work] The Vision of HTE-MC: Part I (example topics): <ul style="list-style-type: none"> • Centralized versus decentralized model • HTE-MC equipment and resources • U.S. and international issues/concerns 	
12:30 PM — 1:30 PM	LUNCH	
1:30 PM — 2:00 PM	Lightning Talks 1 (5 min per presentation) <ul style="list-style-type: none"> • Andrew Gellman, <i>CMU</i> • Andriy Zakutayev, <i>NREL</i> • Jochen Lauterbach, <i>U. South Carolina</i> • Logan Ward, <i>U. Chicago</i> • Surya Kalidindi, <i>Ga. Tech.</i> 	
2:00 PM — 2:45 PM	The Vision of HTE-MC: Part II <ul style="list-style-type: none"> • Consensus on shared vision 	
2:45 PM — 3:00 PM	BREAK	
3:00 PM — 4:00 PM	[Group Work] Define the <u>value proposition</u> for: <ul style="list-style-type: none"> • Members — Providers of infrastructure • Users — Originators of new measurements and data; Users of infrastructure • Contributors — Providers of public data • Visitors — Consumers of public data 	
4:00 PM	Adjourn	

Thursday, March 1, 2018		
Time	Activity	Outputs
8:00 AM — 8:30 AM	Arrive and pass security	3. Challenges to participation (by sector type) 4. Actions to overcome key challenges 5. High-value pilot use cases (by sector type)
8:30 AM — 9:00 AM	Lightning Talks 2 (5 min per presentation) <ul style="list-style-type: none"> • Alamgir Karim, <i>U. Houston</i> • Apurva Mehta, <i>SLAC</i> • Benji Maruyama, <i>AFRL</i> • Robert Lochhead, <i>U. Southern Mississippi</i> • Yi Liu, <i>Shanghai Materials Genome Institute</i> 	
9:00 AM — 9:30 AM	Review Day 1 Results: Vision and Value proposition	
9:30 AM — 9:45 AM	BREAK	
9:45 AM — 11:00 AM	[Group Work] Identify major barriers to successful participation for <u>industry, government agencies, national labs, and academia</u>	
11:00 AM — 11:15 AM	BREAK	
11:15 AM — 12:30 PM	[Group Work] Actions to address major barriers	
12:30 PM — 1:30 PM	LUNCH	
1:30 PM — 2:00 PM	Lightning Talks 3 (5 min per presentation) <ul style="list-style-type: none"> • Caleb Phillips, <i>NREL</i> • Dee Strand, <i>Wildcat Discovery</i> • James Saal, <i>Questek</i> • Jason Hattrick-Simpers, <i>NIST</i> • Ji-Cheng Zhao, <i>OSU</i> 	
2:00 PM — 2:45 PM	Identify and prioritize pilot use cases for <u>industry, government agencies, national labs, and academia</u>	
2:45 PM — 3:00 PM	BREAK	
3:00 PM — 3:45 PM	Identify and describe modes of interaction of users (academic, private sector, EMNs, NNMI, etc.)	
3:45 PM — 4:00 PM	Wrap-up	
4:00 PM	Adjourn	

Friday, March 2, 2018		
Time	Activity	Outputs
8:00 AM — 8:30 AM	Arrive and pass security	6. HTE-MC governance and business models
8:30 AM — 10:00 AM	Governance and business models for HTE-MC: Part I (example topics): <ul style="list-style-type: none"> • International concerns • Board of Directors/committees • Centralized versus decentralized model • Proposal review/submission process • Public/private partnership • Data stewards • Funding oversight 	
10:00 AM — 10:15 AM	BREAK	
10:15 AM — 11:00 AM	Governance and business models for HTE-MC: Part II	
11:00 AM — 12:00 PM	Next Steps and Closing Remarks <i>What will it take to get this started?</i>	
12:00 PM	Adjourn	