

**Agenda**  
**Training/Workshop for the**  
***Molten Salt Thermal Properties Databases***

***Molten Salt Thermal Properties Working Group***  
**University of South Carolina**  
**Virtual, April 25, 2023**

**All times are EDT**

10:00 am	<b>Introductions</b>	Dianne Ezell, ORNL Ted Besmann, USC
10:05 am	<b>DOE programs supporting databases development</b>	Chris Stanek, NEAMS Natl. Tech. Director
	<b>Creation and application of MSTDB-Thermochemical</b>	Ted Besmann, USC
10:25 am	MSTDB-TC development	Juliano Schorne-Pinto, USC
10:45 am	MSTDB-TC quality assessment	Max Poschmann, Ontario Tech/CNL
11:05 am	Using MSTDB-TC with Factsage and examples	Ted Besmann, USC
11:25 am	Use of MSTDB-TC with Thermochemica and examples	Markus Piro Ontario Tech
11:45 am	Using MSTDB-TC with a MOOSE-based Model of Corrosion of Structural Materials by Molten Salt at the Mesoscale	Mike Tonks, U. Florida
<b>12:10 pm</b>	<b>Break</b>	
12:30 pm	MSTDB-TC: Molten salt chemistry applications for development of the Kairos Power FHR.	Jake McMurray, Kairos
	<b>Creation and application of MSTDB-Thermophysical</b>	Dianne Ezell, ORNL
1:00 pm	MSTDB-TP development, expansion, and control processes	Tony Birri, ORNL
1:20 pm	Demonstration of a user interface for MSTDB-TP	Nick Termini, ORNL
1:40 pm	MSTDB-TP applications with Saline and examples	Shane Henderson, ORNL
1:55 pm	Applications of MSTDB-TP in NEAMS for modeling of MSRs	Bob Salko, ORNL
2:15 pm	Sensitivity analysis of thermophysical properties of molten salts using a MSDR model in TRANSFORM	Sarah Creasman, UTK
2:35 pm	<b>General Discussion &amp; Wrap-up</b>	
<b>3:00 pm</b>	<b>Adjourn</b>	