Day One	Scheduled Item	Description
6:00 PM – 8:30 PM	Informal Welcome & Dinner	
Day Two		
8:30 AM – 9:30 AM	ICMSE Data & Workflow Plenary	Introduction to data flow in the ICMSE. Will provide set table for following plenaries and tutorials
9:30 AM – 10:15 AM	Modeling Materials Processing Plenary	Overview of commercial and open-source software in the area of materials processing; the necessary input data; resulting output and critical assumptions related to tools
10:15 AM – 10:30 AM	Coffee Break	
10:30 AM – 12:30 PM	Working Group Tutorial 1	Hands-on work with select processing tools, possibly including: SPPARKS, Phase Field, DEFORM, ProCast, etc., as well as some post-analysis tools for analyzing results, such as DREAM3D.
12:30 PM – 1:30 PM	Lunch	
1:30 PM – 2:15 PM	Representing Materials Structure Plenary	Overview of commercial and open-source software in the area of structure representation and the effect of analysis and processing choices on the results of these tools
2:15 PM – 4:15 PM	Working Group Tutorial 2	Hands-on work with open-source tools, including: FIJI and DREAM3D. Experience building workflows for various representation goals.
4:15 PM – 5:00 PM	Specific Issues/Challenges Round Table	Panel discussion session to begin discussion of weak-links in the tools discussed and used during the day. Opportunity to seed brainstorming ideas for following day.
Day Three		
9:00 AM – 9:45 AM	Modeling Materials Properties Plenary	Overview of commercial and open-source software for materials property prediction; necessary input data; resulting output and critical assumptions related to tools
9:45 AM – 11:45 AM	Working Group Tutorial 3	Hands-on work with open-source/free-ware tools, possibly including: LANL FFT, Albany, etc., as well as some post-processing tools for analyzing results, such as DREAM3D.
11:45 AM – 1:00 PM	Lunch	
1:00PM – 2:00PM	UCSB Lab Tours & Group Photo	Opportunity to see laboratories that working on materials processing (SX Casting), structure collection (Tri-Beam) and property measurement (TBC testing?)
2:00 PM – 4:00 PM	Working Group Tutorials Cont.	Flex-time for more hands-on work with previously introduced tools. Encouragement for attendees to bring own data or problems to tutorial leaders to begin transitioning learned tools to actual practice
4:00 PM – 5:00 PM	Large Group Discussion: Brainstorming Path Forward	Review of opening “ICMSE Data Workflow’ plenary and highlighting where learned tools fit in the ICMSE construct. Panel discussion to note ‘missing pieces of puzzle’ and discuss efforts to fill them.