

Summer School for ICMEd 2023 Schedule (As of June 9, 2023)

Date	Day	AM	PM	Evening/Notes
6/12	Monday	Program Orientation and Introduction (Katsuyo Thornton, 45 min) Pre-module surveys (45 min) Material Genome Approach & ICME (John Allison, 1.5 hr)	Welcome Luncheon at Noon Overview of CMSE and Intro to Computation (Katsuyo Thornton, 1 hr 45 min) Molecular Dynamics (Liang Qi, 1.5 hr)	
6/13	Tuesday	Density Functional Theory (Liang Qi, 1.5 hr) Educational Tools on nanoHUB (Tanya Faltens, 1.5 hr)	Density Functional Theory Module (directed) (Liang Qi) Guest Speakers/Poster introduction	Poster session with dinner (5:45pm) GG Brown BorgWarner Galleria)
6/14	Wednesday	Computational Thermodynamics (Paul Mason/Adam Hope, 1.5 hr) Materials Design (Wei Xiong, 1.5 hr)	Computational Thermodynamics Module (directed) (Paul Mason/Adam Hope) Data Science Lecture (Wenhao Sun, 1.5 hr)	*Short provided lunch this day; may run past 5pm
6/15	Thursday	Data Science Module (Wenhao Sun, 3 hrs)	Computational Kinetics/Phase-Field Modeling (Jon Guyer, 1.5 hr) Kinetics Module (directed) (Jon Guyer/David Montiel Taboada)	* Short provided lunch this day
6/16	Friday	Effective Teaching (Grenmarie Agresar, 1.5 hr) Monte Carlo & Kinetic Monte Carlo (Liang Qi, 1.5 hr)	Computational Mechanics/FEM (Katsuyo Thornton, 1.5 hr) Computational Mechanics Module (directed) (1.5 hr, Katsuyo Thornton)	
6/17	Saturday	(Participants are expected to review materials over weekend)	Social/networking activity	
6/18	Sunday	(Participants are expected to review materials over weekend)	(Participants are expected to review materials over weekend)	
6/19	Monday	Computational Thermodynamics Module (self-directed) (Beck Andrews) Computational Mechanics Module (self-directed) (Katsuyo Thornton)	Density Functional Theory Module (self-directed) (Liang Qi) Kinetics Module (self-directed) (Katsuyo Thornton/David Montiel Taboada) Data Science Module (self-directed) (Wenhao Sun)	
6/20	Tuesday	Open-Source Code Resources: PRISMS (David Montiel/PRISMS Team) The Evolution of Modeling for Industrial Applications: "From the Viewpoint of a Hard Core Experimentalist" (Alan Taub)	Engaging Students (Grenmarie Agresar, 1 hr) Review/preparation time for Practice Teaching Sessions OR New Module Development (Students)	
6/21	Wednesday	Review/preparation time for Practice Teaching Sessions OR New Module Development (Students)	Short Practice Teaching/Feedback Sessions (Ellen Thompson/Organizers)	
6/22	Thursday	Full Practice Teaching/Feedback Sessions (Ellen Thompson/Organizers)	Full Practice Teaching/Feedback Sessions/Presentation of New Modules (Ellen Thompson/Organizers)	6:30 Graduation Dinner
6/23	Friday	UM Facilities Tour	Departure (this day or next day)	Departure