

<u>Monday, August 23rd, 2021</u>		<u>Tuesday, August 24th, 2021</u>		<u>Wednesday, August 25th, 2021</u>		Legend	
Intrinsic Kinetics		(Micro)Kinetic Modeling		Multiscale Modeling			
8:30		8:30		8:30			
8:45		8:45		8:45			
9:00	Introduction	9:00		9:00			Theory / Lectures / Introduction
9:15		9:15		9:15			Tutorial
9:30		9:30	Rate equation derivation	9:30	Perspectives towards process scale modeling		Group work/ presentation
9:45	Reactor types and their corresponding behavior	9:45		9:45			
10:00		10:00		10:00			
10:15	BREAK	10:15	BREAK	10:15	BREAK		
10:30		10:30		10:30			
10:45		10:45	Presentation results data analysis and discussion	10:45	Presentation results rate equation derivation and discussion		
11:00	Bench Scale Reactors	11:00		11:00			
11:15		11:15		11:15			
11:30		11:30		11:30			
11:45		11:45		11:45			
12:00	LUNCH	12:00	LUNCH	12:00	Group work: model parameter estimation, analysis and interpretation		
12:15		12:15		12:15			
12:30		12:30		12:30			
12:45		12:45		12:45			
13:00	Tutorial: intrinsic kinetics verification	13:00	Regression analysis	13:00	LUNCH		
13:15		13:15		13:15			
13:30		13:30		13:30			
13:45		13:45		13:45			
14:00	Lab-scale data acquisition	14:00	Introduction to Athena Visual Studio	14:00	Group work: model parameter estimation, analysis and interpretation		
14:15		14:15		14:15			
14:30		14:30		14:30			
14:45	BREAK	14:45	BREAK	14:45			
15:00		15:00		15:00			
15:15		15:15		15:15			
15:30	Group work: Data analysis	15:30	Group work: Rate equation derivation and model parameter estimation	15:30			
15:45		15:45		15:45			
16:00		16:00		16:00			
16:15		16:15		16:15	Presentation results model parameter estimation and discussion		
16:30		16:30		16:30			
16:45		16:45		16:45			
17:00		17:00		17:00			
17:15	Introductory presentations	17:15		17:15	Q&A and Farewell		
17:30							
17:45							
18:00							
		20:00					
		20:15					
		20:30					
		20:45					
		21:00					
		21:15	Social activity: quiz				
		21:30					
		21:45					
		22:00					
		22:15					
		22:30					