

Composites Simulation Workshop

November 3-5, 2015

Time	Presentation	Presenter(s)	Location
Tuesday, Nov 3, 2015			
1:00 PM	Registration and Introduction	Johnathan Goodsell	
1:30 PM	Introduction to Composites Simulation	Wenbin Yu	
2:00 PM	SwiftComp Workshop ¹	Wenbin Yu	
5:00 PM	Adjourn		
Wednesday, Nov 4, 2015			
8:30 AM	Mechanics of Structure Genome (Keynote)	Wenbin Yu	
10:00 AM	Composites Process Simulation: From Fundamentals to Applications	Corey Lynam (Convergent)	
11:00 AM	Injection Molding Simulation for Composites	Srikar Vallury (Moldex3D)	
12:00 PM	Lunch	All	
1:00 PM	Simulation of Textile Forming	Dr. Xiaoshi Jin (ESI)	
2:00 PM	Finite Element Capabilities for Conventional and Advanced Analyses of Composite Materials	Goyal, Deepak (Dassault Systemes)	
3:00 PM	Implementing MultiScale Simulation within Composite Design Optimization	Jeff Wollschlager (Altair)	
4:00 PM	Virtual Allowables	Pierreyves Lavertu (Digimat)	
5:00 PM-6:30 PM	Reception and Composites Software Fair	Altair, AnalySwift, Beta CAE, Digimat, DS, ESI, Moldex3D, Convergent	
Thursday, Nov 5, 2015			
8:00 AM	Composites Simulation Fair	Altair, AnalySwift, Beta CAE, Digimat, DS, ESI, Moldex3D, Convergent	
1:00 PM	Conclusion and safe trip back home	Dr. Wenbin Yu	

¹ Three sessions with each session consisting of 15 minutes of theory/demo followed by 45 minutes of hands-on doing with student helpers around the room. Handouts will be provided.