Join the Composites Design and Manufacturing HUB for the 2015 Composites Simulation Workshop at Purdue University. Experience the first Composites Simulation Fair with commercial software providers in an open exhibit format. Overview the fundamentals of composites simulation; experience state-of-the-art composites simulation software; hear expert, cutting-edge advances in strength, fatigue and virtual allowables modeling from academic, industry and commercial software experts. Also featured is an extensive hands-on SwiftComp workshop through cdmHUB, a general-purpose multi-scale composites modeling software, recently developed and commercialized by Purdue.

**Schedule:**

**Tuesday, Nov 3rd**
- **Afternoon:** Introduction to Composites Simulation & Hands-on Workshop on SwiftComp

**Wednesday, Nov 4th**
- **Morning:** Mechanics of Structure Genome; Industrial Perspectives on Multi-Scale Simulation; the What, Why & How of Micromechanical Simulation
- **Afternoon:** Topics in Composites Simulation, including Textiles, Strength, Fatigue & Virtual Allowables
- **Evening:** Reception & Composites Software Exhibition

**Thursday, Nov 5th**
- **Morning:** Composites Simulation Fair, Featuring State-of-the-art Composites Simulation Software Vendors

**Experts from the Composites Industry**

**Instructors:**

- **R. Byron Pipes**
  Director, Composites Design and Manufacturing HUB
  bpipes@purdue.edu

- **Wenbin Yu**
  Associate Director, Composites Design and Manufacturing HUB
  wenbinyu@purdue.edu

- **Johnathan Goodsell**
  Assistant Director, Composites Design and Manufacturing HUB
  jgoodsell@purdue.edu

**Cost & Registration**

**Cost for 3-day Workshop:** $1,500 per participant

Sponsors of the Composites Design and Manufacturing HUB are given 3 seats without charge; additional seats may be purchased. All attendees will receive a free 6-month license to SwiftComp Pro through cdmHUB thanks to the generosity of AnalySwift LLC.

**To register or for more information, go to:**
www.conf.purdue.edu/cdmhub

Registration is open through October 15, 2015