

# COMPOSITES DESIGN & MANUFACTURING HUB

## 2015 Composites Simulation Workshop November 3-5



### Instructors:

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#### Experts from the Composites Industry

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

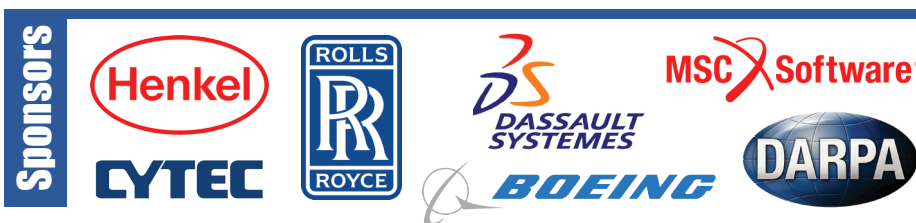
**Morning:** Mechanics of Structure Genome; Industrial Perspectives on Multi-Scale Simulation; the What, Why & How of Micromechanical Simulation

**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



**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](http://www.conf.purdue.edu/cdmhub)

*Registration is open through October 15, 2015*