

## College of Engineering

## **Department of Computer Science**

## 3<sup>rd</sup> Annual AFOSR BRI Workshop

December 19, 2014 Goodwin Hall (Signature Engineering Building), Room 440

| Time              | Topic   | Investigator    |
|-------------------|---|-----------------|
| 8:00am – 8:30am   | Welcome Overview / Next Steps / Brainstorming for Renewal         | Wu Feng         |
| 8:30am – 9:10am   | CS @ VT (25+15) An Ecosystem for Heterogeneous Parallel Computing | Wu Feng         |
| 9:10am – 9:50am   | CS @ NCSU (25+15)<br>(ScalaMemTrace)                              | Frank Mueller   |
| 9:50am – 10:00am  | Break   | All             |
| 10:00am – 10:40am | Math @ VT<br>(Pre-conditioner, solvers)                           | Eric de Sturler |
| 10:40am – 11:20am | Math @ VT<br>Numerical Methods                                    | Adrian Sandu    |
| 11:20am – 12:30pm | Lunch Provided (Plus Potential Collaborative Discussions)         | All             |
| 12:30pm – 1:10pm  | CFD Structured: SENSEI  | Chris Roy       |
| 1:10pm – 1:50pm   | CFD Structured: INFLOW3D  | Jack Edwards    |
| 1:50pm – 2:00pm   | Break   | All             |
| 2:00pm – 2:40pm   | CFD Hybrid: GenIDLEST   | Danesh Tafti    |
| 2:40pm – 3:20pm   | CFD Unstructured: RDGFlow   | Hong Luo        |
| 3:20pm – 3:30pm   | Break   | All             |
| 3:30pm – 4:30pm   | BRAINSTORMING FOR RENEWAL   | All             |

Presentations are slated for 25 minutes with 15 minutes for Q&A and brainstorming discussion.