

**NSF/SFS Workshop Agenda**  
**June 24<sup>th</sup> – July 5<sup>th</sup>, 2013**

**General Arrangements:**

- **Each day starts at 8:30 a.m. – Pastries and coffee will be provided**
- **Lunch (on your own) from Noon – 1:30 p.m.**
- **One Coffee Break (morning)**
- **June 29<sup>th</sup> and June 30<sup>th</sup>, (Saturday and Sunday) Open Day, being used for Sightseeing, Free Activities, etc.**
- **July 4<sup>th</sup> (Thursday) Open Day (National Holiday), being used for Sightseeing, Free Activities, etc.**

Day 1 – 06/24/13, Monday, 3419 PFT

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|-------------------------|--|
| 8:30 a.m. – 9:00 a.m.   | Registration   |
| 9:00 a.m. – 9:30 a.m.   | <i>Welcome Speech and Introduction of LSU College of Engineering</i><br>Dr. Richard Koubek, Dean               |
| 9:30 a.m. – 9:45 a.m.   | Address<br>Dr. Iyengar   |
| 9:45 a.m. – 10:00 a.m.  | Address<br>Dr. Mukhopadhyay  |
| 10:00 a.m. – 10:15 a.m. | Address<br>Dr. Wu  |
| 10:15 a.m. – 10:30 a.m. | Address<br>Dr. Pang  |
| 10:30 a.m. – 10:45 a.m. | Coffee Break   |
| 10:45 a.m. – 11:00 a.m. | Introduction by faculty scholars (TBA)   |
| 11:00 a.m. – Noon       | <u><i>Impact of Science &amp; Technology in the 21<sup>st</sup> Century</i></u><br>Dr. Iyengar                 |
| Noon – 1:30 p.m.        | Lunch  |
| 1:30 p.m. – 2:30 p.m.   | <u><i>Universal Steiner Trees for Efficient Data Aggregation in Sensor Networks</i></u><br>Dr. Konstanin Busch |

2:30 p.m. – 4:00 p.m.                    *Tour of Patrick Taylor, CCT, and Robotics Lab*

Day 2 – 06/25/13, Tuesday, 3419 PFT

9:00 a.m. – 10:30 a.m.                    **Title(TBA)**  
Dr. Wu

10:30 a.m. – 11:00 a.m.                    Coffee Break

11:00 a.m. – Noon                            **Title(TBA)**  
Dr. R. (Vaidy) Vaidyanathan

Noon – 1:30 p.m.                            Lunch

1:30 p.m. – 2:30 p.m.                    Proposal Writing  
Dr. Pang

1:30 p.m. – 4:00 p.m.                    Southern University (SUBR)  
**Title(TBA)**  
Dr. Dwayne Jerro and Mr. Timothy O. Matthews

Day 3 – 6/26/13, Wednesday, 3419 PFT

9:00 a.m. – 10:30 a.m.                    **Title(TBA)**  
Dr. Wu

10:30 a.m. – 11:00 a.m.                    Coffee Break

11:00 a.m. – Noon                            The Multicore Revolution  
Keynote speaker: Dr. Maurice Herlihy

Noon – 1:30 p.m.                            Lunch

1:30 p.m. – 2:30 p.m.                    On the Price of Anarchy of Unsplittable Congestion Games with  
Arbitrary Latency Functions  
Dr. Rajgopal Kannan

2:30 p.m. – 4:00 p.m.                    Alabama A&M University (AAMU)  
**Title(TBA)**  
Dr. Yujian Fu and Mr. Donte McDaniel

Day 4 – 06/27/13, Thursday, 3419 PFT

9:00 a.m. – 10:30 a.m.                    Use of Photocatalytic Pavements For Outdoor Air Purification  
Dr. Marwa Hassan

10:30 a.m. – 11:00 a.m.                    Coffee Break

11:00 a.m. – Noon                            Liveness and Performance Analysis of Programs  
Dr. Mukhopadhyay

|                       |   |
|-----------------------|---|
| Noon – 1:30 p.m.      | Lunch   |
| 1:30 p.m. – 2:30 p.m. | <b>Title(TBA)</b><br>Dr. Mukhopadhyay   |
| 2:30 p.m. – 4:00 p.m. | University of Tennessee, Chattanooga (UTC)<br><b>Title(TBA)</b><br>Dr. Li Yang and Mr. Eric Reinsmidt |

Day 5 – 6/28/13, Friday, 3419 PFT

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|-------------------------|---|
| 9:00 a.m. – 10:00 a.m.  | <u><i>The KASER Key to Computational Intelligence</i></u><br>Guest lecturer: Dr. Stuart Rubin |
| 10:00 a.m. – 10:30 a.m. | Discussions   |
| 10:30 a.m. – 11:00 a.m. | Coffee Break  |
| 11:00 a.m. – Noon       | <b>Open</b>   |
| Noon – 1:30 p.m.        | Lunch   |
| 1:30 p.m. – 2:30 p.m.   | <u><i>Mini Grant Proposals</i></u><br>Dr. Pang  |
| 2:30 p.m. – 4:00 p.m.   | Florida A&M University (FAMU)<br><b>Title(TBA)</b><br>Dr. Jason Black and Ms. Olivia Wilson   |

**06/29/13, (Saturday), Open Day, Sightseeing, Free Activities, etc.**

**06/30/13, (Sunday), Open Day, Sightseeing, Free Activities, etc.**

Day 6 – 07/01/13, Monday, 3419 PFT

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|-------------------------|---|
| 9:00 a.m. – 10:30 a.m.  | <u><i>Coordinating Federal R&amp;D In It: Cybersecurity and Privacy</i></u><br>Keynote speaker: Dr. Mark Luker, NITRD           |
| 10:30 a.m. – 11:00 a.m. | Coffee Break  |
| 11:00 a.m. – Noon       | Florida Memorial University (FMU)<br><u><i>Networks and Applications Security</i></u><br>Dr. Nicolas Diogo and Mr. Treston Hall |
| Noon – 1:30 p.m.        | Lunch   |
| 1:30 p.m. – 3:00 p.m.   | City University of New York (CUNY)<br><b>Title(TBA)</b><br>Dr. Kaliappa Ravindran and Mr. Hassan Elhalaby                       |

3:00 p.m. – 4:00 p.m.                    *Intellectual Property and Working with Industry*  
Dr. Peter Kelleher

Day 7 – 07/02/13, Tuesday, 3419 PFT

9:00 a.m. – 10:30 a.m.                    **Title(TBA)**  
Guest lecturer: Dr. Jeffrey Bradshaw, IHMC

10:30 a.m. – 11:00 a.m.                    Coffee Break

11:00 a.m. – 12:30 a.m.                    **Title(TBA)**  
Guest lecturer: Dr. Niranjan Suri, IHMC

12:30 p.m. – 1:30 p.m.                    Lunch

1:30 p.m. – 2:30 p.m.                    *Text Mining for Automatic Ontology Extraction from Domain Texts*  
Dr. Chen

2:30 p.m. – 4:00 p.m.                    *Analyzing Computational Models*  
Guest lecturer: Dr. Michael Mislove, Tulane University

Day 8 – 07/03/13, Wednesday, 3419 PFT

9:00 a.m. – 10:30 a.m.                    *The Essential Runtime System Infrastructure for Exascale Computing*  
Keynote speaker: Dr. Thomas Sterling, Indiana University

10:30 a.m. – 11:00 a.m.                    Coffee Break

11:00 a.m. – Noon                         **Title(TBA)**  
Dr. DeQueiroz

Noon – 1:30 p.m.                         Lunch

1:30 p.m. – 2:30 p.m.                    **Open**

2:30 p.m. – 4:00 p.m.                    *Accelerators*  
Dr. James Digby

5:00 p.m. – 8:00 p.m.                    Faculty Club  
Dinner

**07/4/13, Thursday(Fourth of July) – Open Day, Sightseeing, Free Activities, etc.**

Day 9 – 07/05/13, Friday, 3419 PFT

9:00 a.m. – 10:00 a.m.                    *Industry Connections*  
Ryan Cooney

10:00 a.m. – 10:30 a.m.                    Discussions

10:30 a.m. – 11:00 a.m.                    Coffee Break

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| 11:00 a.m. – Noon     | <i>Review of Minigrants</i> |
| Noon – 1:30 p.m.      | Lunch                       |
| 1:30 p.m. – 2:30 p.m. | Open                        |
| 2:30 p.m. – 3:30 p.m. | Closing Presentations       |