

PVAMU Workshop “**High Performance Computing with Applications in Big Data**” Agenda
Dates: June 9 – 10, 2015

Tuesday, June 9

8:45 **Registration**

Room: New EE Building 1st floor Hallway

9:00 **Welcome (Dr. Obiomon, Interim Department Head of Electrical and Computer Engineering)**

Testing of course account

9:15 Instructor: Lei Huang

Room: New EE Building room 125

Introduction to MPI I

9:30 Instructor: Jerry Ebalunode

Room: New EE Building room 125

10:45 **Coffee Break**

Room: New EE Building 1st floor Hallway

Introduction to MPI II

11:00 Instructor: Jerry Ebalunode

Room: New EE Building room 125

12:15 **Lunch Break**

Room: New EE Building 1st floor Hallway and room 115

Scientific Visualization with Paraview I

1:15 Instructor: Martin Espinosa

Room: New EE Building room 125

2:30 **Coffee Break**

Room: New EE Building 1st floor Hallway

Scientific Visualization with Paraview II

2:45 Instructor: Martin Espinosa

Room: New EE Building room 125

5:00 Adjourn for Day 1.

Wednesday, June 10

8:45 **Breakfast**

Room: New EE Building 1st floor Hallway

Welcome (Dr. Harris, Dean, Roy G. Perry College of Engineering)

9:00 Room: New EE Building 3rd floor conference room

9:15 **Introduction to PVAMU MRI & TIP projects related research** (Dr. Suxia Cui)

9:30 **Introduction to PVAMU Center of Excellence in Research and Education in Big Military Data Intelligence (CREDIT Center)** (Dr. Lijun Qian)

9:45 Image Processing & computer vision, also introduce to 1st speaker (Dr. Yonghui Wang)

10:00-10:45 Simulation and Visualization Research at SiViRT Center (Dr. Yusheng Feng, UTSA)

10:45 **Coffee Break**

Room: New EE Building 1st floor Hallway

11:00 Research topic & introduce to 2nd speaker (Dr. Lei Huang)

11:15-12:00 Dr. Deepak Eachempati

12:00 **Lunch Break**

Room: New EE Building 1st floor Hallway and room 115

1:00 Computational Biology & introduce to 3rd speaker (Dr. Xiangfang Li)

1:15-2:00 Dr. Dounia Khaldi

2:00 **Coffee Break**

Room: New EE Building 1st floor Hallway

2:15 Research & Introduce 4th Speaker from Texas State University at San Marcus (Dr. Lin Li)

2:30-3:15 "A Module-based Approach to Adopting the 2013 ACM Curricular Recommendations on Parallel Computing (Dr. Apan Qasem from Texas State University at San Marcus)

3:15-4:30 Discussion of future collaboration opportunities, summarize and adjourn.