

Cyber Engineering Research Conference

Hosted by Louisiana Tech University & Cyber Innovation Center
Shreveport Convention Center
Shreveport, November 7, 2011

Conference Committee:

- LaTech: Les Guice, Stan Napper, Ramu Ramachandran, Galen Turner
- Cyber Innovation Center: Craig Spohn, G.B. Cazes

Conference Agenda

7:30-8:45: On-site Registration, Continental Breakfast

8:45 **Welcome and Purpose:** **Stan Napper**, Dean of College of Engineering and Science

9:00 **Session 1** (20 min talks)

- **Kamal T. Jabbour**, Air Force Senior Scientist for Information Assurance, Air Force Research Laboratories, *Network Security - Neither Sufficient nor Necessary for Mission Assurance*
- **West Anderson**, The Boeing Company, *Next Generation Flight Systems and Cyberspace Information*
- **Robin “Montana” Williams**, Department of Homeland Security, *Cyber Education and the Cyber Security Framework*
- **Alan White**, Dell SecureWorks, *Cybersecurity at Dell*

10:20-10:40 Break

10:40 **Session 2** (20 min talks)

- **John Knies**, Chief Information Security Officer, CenturyLink, *CenturyLink – Telecom Evolution and Challenges*
- **Robert Elder**, Senior Advisor, Cyber Innovation Center, *Alternative Approaches to Cyber Assurance and Defense*
- **Craig Spohn**, Director of Cyber Innovation Center, *Cyber Education and Research Through the Cyber Innovation Center*
- **Joel Tohline**, Professor of Physics and Director, Center for Computational Technology at LSU, *Louisiana Optical Network Initiative: Past, Present, and Future*

12:00-1:00 Lunch

Sessions 3 and 4 feature speakers from Louisiana Tech University

1:00 Session 3 (15 minute talks)

- **Vir Phoha**, Professor of Computer Science, *Identification Based on Behavioral Biometrics in Cyberspace*
- **Travis Atkison**, Assistant Professor of Computer Science, *Control System Security*
- **Scott Shepard**, Associate Professor of Electrical Engineering, *Quantum Key Distribution and other Advances in Telecommunications*
- **Sumeet Dua**, Associate Professor of Computer Science, *Pattern Mining-Based Event Detection and Tracking*
- **Randy Null**, Professor of Biomedical Engineering and Director, Institute for Micromanufacturing, *Advanced Technologies at the Institute for Micromanufacturing*
- **Rastko Selmic**, Associate Professor of Electrical Engineering, *Mobile Sensor Networks and Applications in EM Source Localization*

2:30-2:50 Break

2:50 Session 4 (15 minute talks)

- **Tom Roberts**, Professor of Computer Information Systems, *Center for Information Assurance*
- **Jean Gourd**, Assistant Professor of Computer Science, *A Competitive Approach to Raising Future Cyber Citizens*
- **Jeremy Mhire**, Assistant Professor of Political Science, *Cyber-Space, Cyber-Technology and Cyber-Citizenship: Old Issues Meet New Technology in the 21st Century*
- **Galen Turner**, Associate Professor of Mathematics and Associate Dean for Graduate Studies, *Cyber Discovery: Toward a National Model for Cyber Education*
- **Thomas Bishop**, Associate Professor of Chemistry, *Cyberinfrastructure Forecast for Computational Biology: Clear Today, Cloudy Tomorrow, with a Chance of GPU Reign*

4:05 Closing Remarks: Stan Napper, Dean of College of Engineering and Science

4:15 Adjourn

5:00 Public presentation by Tim Elmore

6:30 CIC Reception for 2011 Air Force Global Strike Command Technology & Innovation Symposium