

Saturday, October 13

Sunday, October 14

Real Life Applications

**RoboFest
2012**

BAE Systems **DEFENSE SYSTEMS TECHNOLOGY**

Engineers from BAE Systems will explain some of the advanced technology being applied there for the defense of our country.

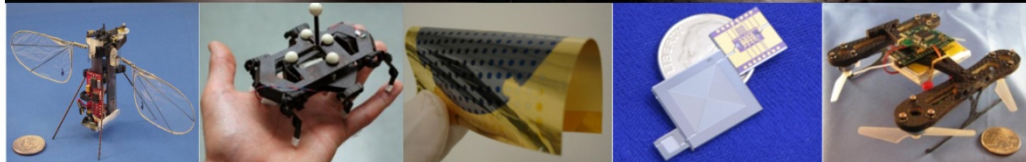
It is also anticipated that we will have a handheld-sized quad rotor UAV and a ground robot called OctoRoach.

Fascinating and worthwhile use of advanced technology to protect us all.

Come, check it out!

Micro Autonomous Systems & Technology (MAST)

MAST will enhance tactical situational awareness in urban and complex terrain by enabling the autonomous operation of a collaborative ensemble of bio-inspired multifunctional, mobile microsystems



- Advanced palm-sized robotic microsystems technology for use in urban environments and complex terrain
- Ultra small-scale bio-inspired mechanical control and propulsion systems for flight and ground maneuver
- Air/ground collaborative algorithms for exploration, building/cave mapping, and persistent surveillance
- Novel micro electronics architectures for sensing, processing, and communications