Passive ultrasonic method for human footstep detection
Automated target recognition of humans in infrared images
Personnel detection using ground sensors
Joint processing of vector-magnetic and acoustic-sensor data
Acoustic sensing from small-size UAVs
Capabilities study of airborne acoustic sensor arrays
An intelligent video framework for homeland protection
Near earth propagation : physics revealed
Energy saving in joint acoustic-video target detection and tracking
Metal Robber materials and devices for flexible circuits, ground planes and interconnects
UGS video target detection and discrimination
Capon beamspace beamforming for distributed acoustic arrays
Underwater source localization based on energy measurement with randomly distributed sensor array
Loud target suppression : an innovative approach to reduce excessive sensor collaboration in distributed UGS systems
Role of quality of service metrics in visual target acquisition and tracking in resource-constrained environments
Distributed polarimetric sensing and processing
A sparse undersea sensor network decision support system based on spatial and temporal random field
Layered mode selection logic control for border security
Acoustic/seismic signal propagation and sensor performance modeling
ARL participation in the C4ISR OTM experiment : integration and performance results

Modeling unmanned system collaborative target engagement
Geometric considerations for distribution of sensors in ad-hoc sensor networks
Acoustic source localization with high performance sensor nodes
iScout low-cost ad-hoc networked sensor enhancements
Detection of the under-soil intruder activity
Low-cost unattended ground sensors for continuous surveillance
Sniper detection using a helmet array : first tests in urban environment
Acoustic localization of mortar and small arms fires
Quality of information trade-offs in the detection of transient phenomena
Acoustic classification of battlefield transient events using wavelet sub-band features
New seismic unattended small size module for footstep and light and heavy vehicles detection and identification
DARPA NetCentric radio demonstration
Self-healing routing : a study in efficiency and resiliency of data delivery in wireless sensor networks
Simulation of sensor networks using message queue infrastructure
A survey of sensor selection schemes in wireless sensor networks