

# Workshop Announcement

**Title:** **Introducing Brainlike Studio™:  
Analytic Software for Real-Time Clutter Reduction**

**Location:** Marine Acoustics, Inc., 4100 Fairfax Drive, Suite 730, Arlington, Virginia 22203

**Date and time:** Friday, June 6, 2008, 10 AM until 2 PM.

**Presenter:** Robert J. (Bob) Jannarone, Ph.D., Brainlike, Inc.

**Sponsors:** ONR 321 (Maritime Sensing); Marine Acoustics, Inc.; Brainlike Surveillance, Inc.

**Registration:** Please respond by email to [Courses@Brainlike.com](mailto:Courses@Brainlike.com). Include name, affiliation, address, and phone number. Please insert "Workshop Reservation" in the Subject field. Registration closes at 6 PM on Wednesday, June 3, 2008.

**Background:** Defense, security, health, and business computing operations, ranging from military surveillance to financial management, detect threats and opportunities from cluttered data. Detection value depends directly on reducing clutter. Clutter in data hides threats, buries prospects, wastes time, clogs channels, saps energy, crams storage, and costs money. With clutter removed, anomalies stand out, decisions are clear, and costs are cut.

**Description:** This workshop introduces a toolkit for surveillance development and evaluation, called Brainlike Studio™. The toolkit covers conventional, fixed threshold monitoring, but features new, auto-adaptive detection methods. Auto-adaptive detection reduces clutter in real-time data by continuously learning what kind of clutter to expect.

**Content:**

- Hands-on, toolkit training
- Example datasets: passive sonar (DADS) submarine detection; video (airborne camera) clutter reduction; undersea (magnetometer) vehicle detection; undersea (side scan sonar) mine detection.
- Auto-adaptive monitoring tutorial

**Goals:** Attendees will be able to use the Brainlike Studio™ toolkit for monitoring analysis, and explain how auto-adaptive processing adds value.

**Materials:** A laptop PC is recommended. Prior to the course, attendees will be sent a manual, software, and installation instructions by email.



**Brainlike, Inc.**

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