



Above & Beyond

IAI Provides High Quality, Unconflicted Technical & Engineering Services that Enhance the National Security of the United States

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IAI Supports Race for Hope



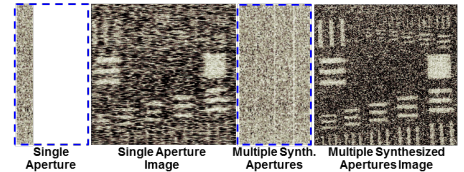
IAI'er Bob Latin (left) with partner BethAnn Telford (right).

IAI is proud to support **Bob Latin's** partner BethAnn Telford fight against cancer by sponsoring Beth in the Cassidy Turley 5K Race for Hope on May 1, 2011. The race is held each year in Washington, DC to raise funds that benefit the National Brain Tumor Society and Accelerate Brain Cancer Cure. Beth was diagnosed with brain cancer in 2005. An avid runner, Beth decided to use her love of distance running as a way to raise money for cancer research. Last year, Team BT raised over \$60,000 and hopes to exceed that amount this year. So far, they have reached 26% of that goal. Help make a difference by supporting BethAnn and others who are battling this disease. To read more about Beth's story, donate or join Team BT visit the Team BT website at: www.TeamBT.org. You can also visit the Race for Hope website at www.CureBrainTumors.org.

Integrity Applications Incorporated's SASHA is now Patent Pending

IAI's Synthetic Aperture imaging aided by optical Spatial Homodyning Applications (SASHA) has recently gained the protection of a provisional patent. This allows IAI to pursue business development opportunities for SASHA while protecting the intellectual property. SASHA is the invention of **James Georges** and the patent/IP process was championed by **Ken Abeloe**.

Developed solely under IRAD, SASHA is a home-grown IAI hardware and software solution that may be described as optical SAR. SASHA allows you to exceed the physical limitation of the camera's resolution – currently by a factor of five. SASHA accomplishes this feat by achieving two scientific firsts: the first ever EOIR synthetic aperture image recon-



Data from the SASHA demonstrator. Image is Integrity Applications Incorporated proprietary.

struction from a single moving aperture taking distinct snapshots; and the first ever synthetic aperture imagery of a complex target using data derived MOCOMP. Compared to competing technologies, SASHA is dramatically less-complex and therefore less-expensive.

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“Never tell people how to do things. Tell them what to do and they will surprise you with their ingenuity.”

George S. Patton