Center For Commercialization Of Advanced Technology

CCAT NEWSLETTER

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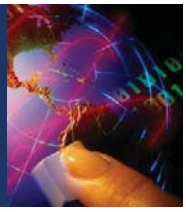
CCAT News



contents:

CCAT Hosts Investor Event

On March 27, CCAT held its Second Annual Investor Event at the Radisson Hotel in La Jolla, Calif. The event provided angel investors, venture capitalists, government staff and systems integrators the opportunity to hear presentations from 16 of CCAT's top clients regarding their technologies and their business strategies. Many of the featured clients have already had an initial round of funding and even more have products already in use by the U.S. military and homeland defense personnel.

Clients were also provided with the opportunity to network with other attendees and to demonstrate their technologies. Highlighted technologies included wireless communication systems, digital image enhancement, sensors and power sources. More...

SSC San Diego's commanding officer, Frank Unetic, talks with Steve Lieberman and Omega Sensors' Brad Chism

CCAT San Diego Announces Business Services Awards

CCAT San Diego recently presented Business Service awards to small two companies: Avaak, Inc. of San Diego and Lextel Intelligence Services of Jackson, Miss.

Avaak was awarded a market study for their stick-on, ultra miniature, wireless sensor network which provides visual imaging and can be used for multiple military, homeland defense, and port surveillance applications.

Lextel was awarded a market study and commercialization planning services for their hyperspectral imaging system which is designed for the detection of bioterrorist threats and improvised explosive devices. More...

Avaak wireless video sensor

CCAT Technologies Featured on Peter Greenberg's Website

Several CCAT clients and their technologies designed for airport security are featured on the website of NBC's *Today* travel correspondent, Peter Greenberg. These include GE Security's Registered Travelers' Kiosk (CCAT supported the shoe scanner portion of the kiosk); EMIT Technologies' People Portal II full body scanner; Daylight Solutions' "Tiny Tunable" laser technology; and SDSU professor Dr. William Tong's laser mixing methodology. More...

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ccat SM

Innovation For a Safer Nation

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CCAT San Bernardino Announces New Director

Dr. Tim Gerrity

CCAT San Bernardino (OTTC) has announced the appointment of Tim Gerrity, Ph.D. to the position of program director. Starting April 9, Gerrity replaces Dr. Stu Gordon, who will be retiring on May 1.

Previous to working with the CCAT program, Gerrity had been president and CEO of Noventus Medical, a consulting firm specializing in market analysis and commercialization assistance for new medical device technology. In addition, Gerrity had worked as a senior manager at the U.S. Department of Veteran Affairs in Washington, D.C. and as a senior researcher with the U.S. Environmental Protection Agency in Chapel Hill, N.C.

Gerrity earned a Ph.D. in physics from the University of Illinois at Chicago and currently serves on the board of Military and Veterans Health, Institute of Medicine for the National Academy of Sciences. More...

CCAT San Bernardino Will Host Open House

On Wednesday, May 23, CCAT San Bernardino (OTTC) will host an open house to showcase the program's new building on the northwest side of the CSU SB campus. The event will be held from 3:00 p.m. to 7:00 p.m. and will kick off with a formal ribbon cutting ceremony. In addition, OTTC clients ISCA Technologies, GEM Power, Lunar Rocket and Rover, and Kelly Space & Technology will be displaying and providing demonstrations of their CCAT-sponsored technologies.

If you would like to attend or would like additional information, please contact Andrea Blanco at 909-537-7747.

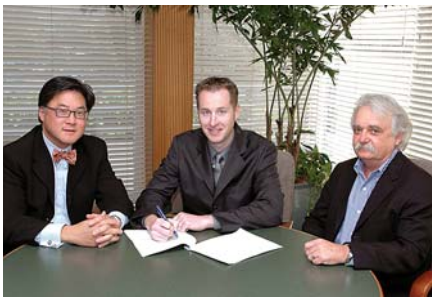
OTTC Office at CSUSB

CCAT Clients

Omega Sensors, Inc.

San Diego-based Omega Sensors signed a Cooperative Research and Development Agreement (CRADA) with the Space and Naval Warfare Systems Center, San Diego's (SSC San Diego) Office of Research and Technology Applications on April 11, 2007. The CRADA will allow Omega Sensors to collaborate with scientists and engineers at SSC San Diego on the development of applications of the MEMSUSA technology. The MEMSUSA's ultra-sensitive accelerometer technology was originally developed by the Navy as an electro-optical transduction scheme for measurement of small displacements for use in navigation grade accelerometers.

Additionally, Omega Sensors has been selected to present their technology to investors and strategic partners during the World's Best Technologies event in Arlington, Texas on May 16. More...



From left, Gary Wong,
Brad Chism, Steve Lieberman

E-Band Communications Corp.

E-Band's MMW radio

E-Band Communications Corp. of San Diego has entered into a multi-year, global wireless technology agreement with ADC (NASDAQ: ADCT) of Minneapolis, Minn. Under terms of the agreement, ADC will market E-Band's Millimeter Wave Transmission (MMW) product as part of their FlexWave™ family of All-IP Radio Access Network (RAN) solutions. More...

Crossflo Systems, Inc.

Crossflo Systems, Inc. recently announced the upgrade and expansion of the Crossflo DataExchange® (CDX) data sharing solution currently being used by the New Jersey State Police (NJSP). CDX provides secure cross-domain data sharing across disparate platforms and different data structures.

The upgrade, which will be completed by the end of Q2 of this year, will support additional data sources, including Web services and message queuing systems. More...

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Empirical Technologies

CCAT client Empirical Technologies of Charlottesville, Va. has recently entered into an agreement with VivoMetrics of Ventura, Calif. in which VivoMetrics will incorporate Empirical's non-invasive beat-by-beat blood pressure monitoring technology into the company's LifeShirt® Preclinical System. The new feature will be available by the end of Q2 of this year. More…

Liteye Systems

Liteye Systems has been the subject of articles appearing in the February and March issues of *Military Electronics* magazine as well as the February 9 issue of the *Denver Business Journal*. The Denver-based company engineers and manufactures Helmet-Mounted-Displays (HMDs) used by military personnel from the United States, Europe and Japan. The HMDs are used in numerous military applications, including medical triage, equipment maintenance and field data distribution.

Liteye Systems' HMD

American BioHealth Group

The April 6 business section of the of the *San Diego Union-Tribune* featured information on the success of The Hearing Pill which was licensed from Balboa Naval Hospital to CCAT client American BioHealth Group in 2002. The Hearing Pill is currently available without a prescription to help prevent noise-induced hearing loss and to restore acute hearing loss as a result of acoustic insult. More…

Xpert Design and Diagnostics

The March 25 edition of the *Ventura County (Calif.) Star* reported on the collaboration between Xpert Design and Diagnostics (XDD) and the Naval Facilities Engineering Service Center (NFESC) at Port Hueneme, Calif. in order to facilitate the testing of a new ground water remediation system engineered at NFESC labs. The testing, partially funded by CCAT, took place at a New Jersey Superfund site last year. More…

ADAS system well head

Seacost Science

On January 11, Seacoast Science's chemical detection technology was highlighted on San Diego's KGTV's afternoon newscast. These tiny sensors are being developed to be a low-cost solution for the detection of toxic chemicals, nuclear weapons, and biological threats entering U.S. ports. More…

PixonImaging

PixonImaging was the focus of a two-part article that appeared in the January and February issues of *Military Electronics* magazine. PixonImaging, based in San Diego, currently provides image clarification technology to the U.S. Navy. More…

Rhevision Technology, Inc.

San Diego-based Rhevision Technology, Inc. was the subject of an article in the February 2 edition of the *San Diego Union-Tribune's* business section. Rhevision uses fluidics to create a tiny optical zoom lens for use in military surveillance and cell phone applications. More…

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CCAT Events

CCAT San Diego board member, Dr. Stephen Lieberman, will participate in a panel presentation which will discuss *Spinning Military and Academic Lab Technologies into the Marketplace* during the World's Best Technologies event on May 15 from 3:15 p.m. – 4:45 p.m. The panel will be held in the Champion's Ballroom at the Wyndham Hotel in Arlington, Texas.

In addition, CCAT will be exhibiting and distributing information in booth 46 during the tradeshow exhibit on May 16 which will be held at the Grand Hall at the Arlington Convention Center, directly across from the Wyndham. More...

Tim Gerrity, director of CCAT San Bernardino will deliver a presentation entitled: *CCAT: Partnering for Successful Technology Transfer* at the Federal Laboratory Consortium's Annual Meeting which takes place on Wednesday, May 16 from 3:00 p.m. – 3:45 p.m. The presentation takes place in the Champion's Ballroom at the Wyndham Hotel in Arlington, Texas. More...

Mark Your Calendar...

CCAT will be participating in the Naval S&T Partnership Conference trade show event, taking place at the Marriott Wardman Park hotel in Washington, D.C. from July 30 – August 2 in booth 303. More...

On Tuesday, August 14, CCAT will exhibit at the 2007 Gold Coast Navy Small Business Opportunity Conference, held at the San Diego Convention Center. More...

CCAT Mission Statement

CCAT identifies new technologies critical to national defense and homeland security and accelerates their commercialization via a national partnership of universities, industry, and government.

CCAT partners include California State University, San Bernardino, Office of Technology Transfer and Commercialization; San Diego State University, College of Business Administration, Entrepreneurial Management Center; San Diego State University Research Foundation; University of California, San Diego, Jacobs School of Engineering and von Liebig Center; CONNECT; The Security Network; Space and Naval Warfare Systems Center, San Diego (SSC San Diego).

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Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Space and Naval Warfare System Center, San Diego.