NPS Attends ONR Science and Technology 2008 Conference

By MC2 (SW) Corey Truax
NPS Attends ONR Science and Technology Conference 2008, joining professionals from Department of Defense (DoD), private industry, small business and academia to look for possible opportunities for them to work with ONR’s principal S&T decision makers.

The conference kickoff was held at the Marriott Wardman Park hotel in Washington, D.C., Aug., 12 and Rear Adm. William Landay III, Chief of Naval Research at ONR, welcomed attendees with a keynote address.

In his address, Landay stressed the importance of this conference. “This is about relevant research. This is about discovering that great science that we discover, that great science that we are able to foster and turn that into capability in the hands of the warfighter, capability in the hands of the Navy and Marine Corps, in order to be able to support what they do.”

The partnership conference offered members of the science and technology industry the unique opportunity to network with like-minded professionals from a wide range of organizations and disciplines committed to the exploration and discovery of new and promising innovations.

“We are interested in tapping into all the science and technology we can find,” said Landay. Wherever the best stuff is, ONR wants to go get it.”

Vice Adm. John C. Harvey, Director, Navy Staff, also emphasized the importance of S&T in his keynote address on the second day of the conference. “There are rapidly emerging threats to which we must be able to quickly respond, developing the technology which will allow us, early on, detect and counter these threats will be truly critical to our ability to defend our homeland,” he said.

Answering the summons for the S&T event were 1,300 people, a number that more than doubled the amount of attendees at last years conference, and displayed the increasing need to make forward-looking investments in defense-related technologies.

“The conference brought together all the companies and DoD labs that are partnering with ONR to push the S&T to the edge,” explained Phillip Pace, a Professor in the Department of Electrical and Computer Engineering. “NPS presence at the conference was critical since ONR is a large sponsor for many NPS projects.”

NPS influence in S&T was evident by the large number of active duty, retired and civilian NPS alumni attending the conference.

“It was good and exciting to see so many alumni at the conference who were still interested in what NPS is doing,” said Kari McGraw, Director of NPS Alumni Relations. “It was a great opportunity to inform them of the online NPS Alumni Community and also let them know about the upcoming Centennial Celebration.”

The event also included the 2008 Chief of Naval Research (CNR) Challenge which will award a total of $1 million for innovative technology ideas. The challenge allows ONR to compete for up to 10 awards, each totaling $100K, to provide seed money for science and technologies suitable to ONR’s research and development objectives. Winners will be identified in September.

For more information about the ONR Challenge, visit the ONR website at www.onr.navy.mil and for more information about the NPS Alumni Organization, visit http://www.nps.edu/Alumni/index.html.

Audio and video recordings of convention sessions are available by contacting ONR’s Office of Corporate Strategic Communications at onrpos.navy.mil.

IN BRIEF

• The Architectural Review Council has approved the installation of eight Centennial banners on Del Monte Ave, which will be installed in the next couple of months.

• ITACS has installed a high-technology film on the bank of windows in the NPS Data Center, an energy-saving project which will eliminate 99.5% of the ultraviolet light, 80% of the solar heat gain and 74% of the total solar energy. The installation qualified NPS for a PG&E rebate, which, in combination with expected reductions in energy bills, the potential of the extended life-expectancy of equipment and cabling, and increased security. This means that the Data Center Window project will benefit NPS through reductions in the costs of its operations.

• Since June 2008 nearly 10,000 visitors saw Relive the Magic: Hotel Del Monte at the Maritime and History Museum in Monterey. The exhibition on view at all times in and featured historical artifacts from NPS Special Collections and the private collection of NPS patronette Pete Charette. NPS will collaborate with the Maritime Museum, in 2009 with a special exhibition kicking off the school’s centennial celebration. NPS is collaborating with SPAWS to offer Ph.D. and Master’s degree research programs for DOD civilians and contractors at the Defense Acquisition University in San Diego. More bandwidth has been added and two full-service VTC classrooms have been upgraded to accommodate fall 2008 students.

Golf Course Annex Upgrade

ITACS is installing fiber between GSEAS’ experimental research facilities, including a Turbo/Jet engine research facility, and the MWR-related spaces at the Monterey Pines Golf Course Annex.

This installation will allow the set up and operation of a 10-gigabit/sec. backbone, with 1-gigabit/sec. potential at every network connection. Connectivity to the Monterey Peninsula DoD-Net, a communication link that links the Department of Defense properties throughout the Monterey region, will also be upgraded to 10-gigabit/sec. This is to replace the annex’s existing communications infrastructure which currently connects to NPS over the Monterey Peninsula DoD-Net infrastructure through a much slower port. The network upgrade will greatly improve the productivity and value of the academic labs that reside at the Monterey Pines Golf Course Annex. It will also increase the functionality of the surrounding public areas used by MWR and NPS personnel. Users can expect network stability, wireless capabilities, and coverage, increasing connectivity speeds and connections to the MP DoD-Net, and other supporting functions such as VoIP telephone services. The improved infrared network will easily support increased backbone and port speeds and advances in new technologies. Improvements in wireless access within the labs and the implementation of directional antennas to provide outdoor wireless access for the campground are also included in the project. The installation is scheduled for completion in early fall 2008.

WASC Update

• The Capacity and Preparatory Review report is in draft form and can be obtained from Dr. Fran Horvath at rhhorvath@nps.edu.

In This Issue: Express Bus Route, Message From Eleanor Uhlinger, NPS Logo History

September 2008

NPS
Naval Postgraduate School
Monterey, California

UPDATE NPS

Express Bus Route Begins September 2

The NPS Parking Committee has been working hard over the past year to find solutions to the limited space for vehicles on base. The committee, working closely with the NPS Support Detachment/Public Works and Security Departments, has taken great strides to promote parking area expansion initiatives.

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Faculty Notes

The Natural Language Processing (NLP) Lab of the Computer Science department has just released the NPS Chat Corpus, Release 1.0 to the general research community. This data is part of the NLP's work on chat, which includes developing methods for catching sexual predators in online chat. Please see http://faculty.nps.edu/cmarell/NPSChat.htm. It is already being requested by Brigham Young University; University of Potsdam, Germany; University of Pisa, Italy; University of North Carolina (Oxdum Institute); University of Southern California, Institute for Creative Technologies and their Information Sciences Institute; University of Cape Town, South Africa; University of Strathclyde, Scotland; Massey University, New Zealand; University of Bern, Austria; Centre for Culture, Language and Information Technology (Akita); and the University of Leipzig, Germany.

Keith Snider, Associate Professor, GSPPB, received the 2008 Khi V. Thai Research Scholar of the Year Award during ceremonies at the National Institute of Governmental Purchasing (NIGP) Annual Forum in Charlotte, NC. The award, which recognizes outstanding contributions to public procurement research and academic excellence, was presented jointly by NIGP and the Public Procurement Research Center at Florida Atlantic University. Prof. Snider also presented “Defence Acquisition Research: Problems, Progress, and Prospects” to the faculty of the College of Business Administration, University of Alabama in Huntsville.

Research Articles:

Rene Rendom: “Procurement Process Maturity: Key to Performance Measurement” was published in the most recent issue of the Journal of Public Procurement, Vol. 6, No. 2, 200-214. “A Knowledge-Intensive Profession,” was included in the most recent issue of Inside Supply Management.

Tenure-Track Faculty Hires

Dr. Leo Blanken, Assistant Professor of Defense Analysis at NPS, has taught International Relations, the Scientific Study of War and Politics, and the Politics of Global Interdependence and Inequality, and National Security Policy at the University of California, Davis, and the University of San Francisco.

Since March 2006, Dr. James H. Newman, has been a NASA Visiting Professor in GSEAS, Space Systems Academy. A former Director of NASA’s Human Space Flight Program, Russia, and employee in NASA Training Division and at the Johnson Space Center Astronaut’s Office.

Dr. Jeffrey D. Paduan will become the Chairman of the Department of Oceanography from October 1, 2008 to June 30, 2011. Paduan has expertise with ocean currents and air-sea interactions, and is a leader in the development and implementation of surface current mapping using shore-based high frequency radar techniques.

Dr. Mohammed Hafer, a former Visiting Professor in the Political Science Department at the University of Missouri in Kansas City, is now an Associate Professor of National Security Affairs at NPS.

The Dudley Knox Library is a people, portal and pace. High-quality information and services are delivered by the Library - anywhere, anytime. Using input and feedback from the NPS community, we are continuously assessing our progress and transforming continually to support the research and instructional needs of our students, faculty and staff.

The Library constantly evaluates collections and services to fulfill the 24/7 needs of our globally-disseminated patrons. Wherever possible, we are aggressively moving from print to online content (databases, e-books, e-journals and e-government documents) and even NPS graduates can stay connected via DKL Access. We regularly update our information-rich website http://www.nps.edu/library to present a full range of resources and services.

Paton-initiated lending and document-delivery services make it possible for library staff to quickly deliver critical information to community members around the globe. Librarians teach in the Library, classroom or the National Capitol region; in person or via video-tele-education, Elomute and stream-content instruction through web-based guides, presentations and tutorials. Dudley Knox reference librarians are accessible in person, via phone or chat and email using Ask a Librarian live and beginning Fall Quarter, they will offer reference services on Sunday afternoons.

Physically, we are remodeling library spaces and shifting collections to create flexible student spaces and to separate quiet study zones from high-activity areas like circulation, reference and the new copy/print scan center. In partnership with ITACS, we continue to upgrade and technology-enable study rooms in both public and restricted areas to provide interactive group collaborative spaces. Staff offices are being consolidated to repurpose limited space for patron use. Finally, joining forces with campus deferred maintenance and landscaping initiatives, we are re-visualizing the Library entry to create new informal gathering places—inside and out—while at the same time improving building access and collection security. These projects are responsibly recycling and ensuing many existing building materials and ‘greening’ the paved courtyard between the Library, Root and Ingersoll Halls.

In summary, the Knox Library is transforming to meet your information needs. Please let me know how we’re doing—I always welcome your feedback!