

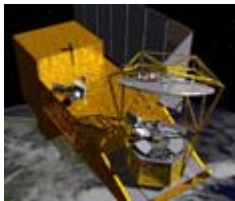
US Naval Research Lab Press Releases

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NRL's Microwave Imager/Sounder Passes Major Program Milestone

Yesterday, July 14, 2010, 10:01:00 PM | Donna McKinney



NRL's Microwave Imager/Sounder (MIS) program successfully passed a major milestone with the completion of the Preliminary Design Review on April 6-8, 2010.

Dr. Gerald Cooperstein Elected IEEE Fellow

Sunday, July 11, 2010, 10:01:00 PM | Daniel Parry

Naval Research Laboratory voted a "Best Diversity Company 2010"

Wednesday, July 07, 2010, 10:01:00 PM | Donna McKinney



Diversity/Careers in Engineering & Information Technology magazine has named NRL a "Best Diversity Company 2010" based on a reader's choice survey. During March and April 2010, magazine readers and website visitors were asked to identify the corporations, government agencies and other organizations that do the best work in diversity.

STEREO Reveals Solar Storm Related to Failure Aboard Communications Satellite

Tuesday, July 06, 2010, 10:01:00 PM | Donna McKinney



Observations from NASA's twin Solar Terrestrial Relations Observatory (STEREO) spacecraft have allowed NRL scientists to see recent solar activity that may have produced the first casualty of the new solar cycle #24.

NRL Scientists Develop New Laser-Machining Techniques for Radiation Detectors

Wednesday, June 30, 2010, 10:01:00 PM | Donna McKinney



Scientists at NRL have developed new laser-machining techniques for radiation detectors.

John Young Receives DoD Team Excellence Award

Sunday, June 27, 2010, 10:01:00 PM | Dom Panciarelli

NRL Scientist Commemorated in Launch of Namesake USNS Howard O. Lorenzen

Friday, June 25, 2010, 10:01:00 PM | Daniel Parry



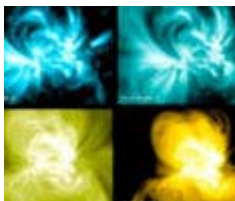
Developing devices to detect, deceive and otherwise jam enemy radar, Howard Lorenzen earned the distinction as the Father of Electronic Warfare, a revelation that made evident the importance of electronic countermeasures in Naval operations

Navy To Christen USNS Howard O. Lorenzen

Wednesday, June 23, 2010, 10:01:00 PM | Daniel Parry

NRL Scientists Explore the Mystery of Active Region Outflows

Tuesday, June 22, 2010, 10:01:00 PM | Donna McKinney

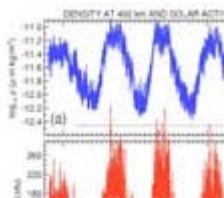


Scientists from NRL's Space Science Division have uncovered some surprising results in studying the measurements of properties of the solar corona from *Hinode*.

Naval Research Laboratory/George Mason University Team Observes Record-Low Densities in Upper Atmosphere

Sunday, June 20, 2010, 10:01:00 PM | Donna McKinney

Researchers from NRL and George Mason University report that the Earth's upper atmosphere has recently experienced the lowest density in 43 years.



Aerogeophysical Survey Provides Promising Prospects of Economic Development in Afghanistan

Wednesday, June 16, 2010, 10:01:00 PM | Daniel Parry



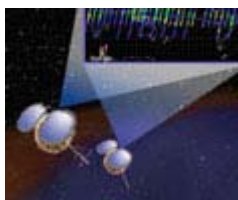
Data gathered and compiled by NRL and USGS scientists during geophysical survey flights over Afghanistan reveal potentially rich natural resource sediment basins and mineral deposits and provide hydrologic and geospatial referenced imagery to support infrastructure and economic development.

Dr. Rhonda Stroud Elected Fellow of the American Physical Society

Monday, June 14, 2010, 10:01:00 PM | Amanda Bowie

Flotilla of NRL Space Sensors Study Upper Atmosphere

Sunday, June 13, 2010, 10:01:00 PM | Donna McKinney



NRL's Space Science Division is performing an intensive study of the Earth's upper atmosphere using a flotilla of NRL-built spaceflight experiments aboard four concurrent spaceflight missions, involving five satellites and the International Space Station.

Scientists Strive to Replace Silicon with Graphene on Nanocircuitry

Thursday, June 10, 2010, 10:01:00 PM | Donna McKinney



NRL teams with Georgia Tech and University of Illinois at Urbana-Champaign in a breakthrough toward creating nanocircuitry on graphene.

Pete Wilhelm, 2010 Service to America-Career Achievement Medal Finalist

Tuesday, June 08, 2010, 10:01:00 PM | Daniel Parry

HICO™-RAIDS Team Honored with Rotary National Award for Space Achievement

Monday, May 31, 2010, 10:01:00 PM | Donna McKinney



NRL researchers who built and designed the HICO™-RAIDS Experiment Payload (HREP), have been honored with the Rotary National Award for Space Achievement Stellar Team Award.

NRL's James Butler Receives Navy Meritorious Civilian Service Award

Wednesday, May 26, 2010, 10:01:00 PM | Donna McKinney

NRL's TEPCE Spacecraft Undergoes Successful Deployment Test

Tuesday, May 18, 2010, 10:01:00 PM | Donna McKinney



NRL's Tether Electrodynamic Propulsion CubeSat Experiment (TEPCE), a tethered spacecraft being built to demonstrate electrodynamic propulsion in space, underwent successful deployment tests in March 2010.

NRL-SSC Microbiologist Returns from Haiti

Sunday, May 16, 2010, 10:01:00 PM | Shannon Breland



A microbiologist from NRL-Stennis Space Center recently returned from a 10-week deployment to Port au Prince, Haiti, as part of Operation Unified Response. He was part of a 13-member team consisting of an environmental health officer, industrial hygiene officer, preventive medicine officer, entomologist, laboratory technician, general hospital corpsman and six preventive medicine technicians.

NRL Contributes to Book on Infrasound

Tuesday, May 11, 2010, 10:01:00 PM | Donna McKinney

NRL physicist Douglas Drob, with co-authors R.R. Meier and J.M. Picone of George Mason University and M. Garcés of the University of Hawaii, has published a chapter in the monograph *Infrasound Monitoring for Atmospheric Studies*.



Dr. Marshall Orr Receives Meritorious Civilian Service Award

Monday, May 10, 2010, 10:01:00 PM | Amanda Bowie

NRL-SSC Scientists Investigate Acoustics in Gulf of Mexico

Sunday, May 09, 2010, 10:01:00 PM | Shannon Breland



Scientists from the NRL at Stennis Space Center, MS, and Washington, D.C., recently completed an investigation of the acoustic properties of the deep seafloor in the Gulf of Mexico.

NRL Researchers Study Galaxy Mergers

Sunday, April 18, 2010, 10:01:00 PM | Donna McKinney



Scientists at NRL have solved a long-standing dilemma about the mass of infrared bright merging galaxies. Because galaxies are the largest directly observable objects in the universe, learning more about their formation is key to understanding how the universe works.

Dr. Earl Williams Receives ASME Award

Sunday, April 11, 2010, 10:01:00 PM | Dom Panciarelli

NRL breaks ground for Autonomous Systems Research Laboratory

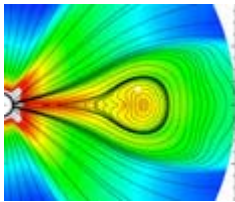
Wednesday, April 07, 2010, 10:01:00 PM | Amanda Bowie

NRL held a groundbreaking ceremony today, April 8, 2010, to mark the construction of a major new facility called the Autonomous System Research Laboratory. The new facility will integrate science and technology components into research prototype systems and will become the nerve center for basic research that supports autonomous systems research for the Navy and Marine Corps.



NRL Scientists Use Atomic Physics Codes to Study Coronal Mass Ejections

Monday, April 05, 2010, 10:01:00 PM | Donna McKinney



Giant eruptions of ionized gas, or plasma, from the Sun called coronal mass ejections [CMEs] produce solar energetic particles that cause spacecraft anomalies and communication interruptions, and can have significant adverse effects on Global Positioning Systems. Scientists at NRL are studying CMEs in an effort to better understand and predict their impact on instrumentation.

Dr. Bhakta Rath honored by Ravenshaw University

Sunday, April 04, 2010, 10:01:00 PM | Donna McKinney

Father of GPS and Pioneer of Satellite Telemetry and Timing Inducted into National Inventors Hall of Fame

Tuesday, March 30, 2010, 10:01:00 PM | Daniel Parry



Roger L. Easton recognized by the National Inventors Hall of Fame for pioneering achievements in spacecraft tracking and timing and navigation technology (TIMATION) that led to the development of critical enabling technologies of the NAVSTAR-Global Positioning System (GPS).

NRL Voted as a Top Place to Work for Postdocs

Monday, March 29, 2010, 10:01:00 PM | Amanda Bowie



In a survey recently conducted by The Scientist magazine, the Naval Research Laboratory ranked 16th among 90 U.S. and international institutions as the best places to work for Postdocs

Naval Research Laboratory Takes a Close Look at Unique Diamonds

Sunday, March 21, 2010, 10:01:00 PM | Donna McKinney



The song says that "diamonds are a girl's best friend," but scientists at NRL are finding that diamonds are a researcher's best friend too. NRL has recently undertaken some new projects in diamond research.

Dr. Kathryn Wahl is elected Fellow of STLE

Wednesday, March 10, 2010, 10:01:00 PM | Donna McKinney

Dr. Donald Gubser Honored with 2010 TMS Leadership Award

Tuesday, March 09, 2010, 10:01:00 PM | Donna McKinney

From Take-off to Landing, NRL First in U.S. History to Remotely Fly Pilotless Aircraft

Monday, March 08, 2010, 10:01:00 PM | Daniel Parry

NRL-SSC Scientists Support Haiti Relief Operations

Sunday, March 07, 2010, 10:01:00 PM | Shannon Breland



Scientists at NRL-Stennis Space Center are supporting Haiti relief operations with maps, imagery and other geospatial information.

Dr. Irwin Singer Elected Fellow of the American Vacuum Society

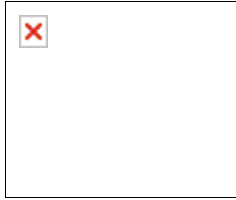
Monday, March 01, 2010, 10:01:00 PM | Daniel Parry

Dr. Tom Mehlhorn Named Superintendent of NRL's Plasma Physics Division

Sunday, February 28, 2010, 10:01:00 PM | Amanda Bowie

A New Way Forward for Nanocomposite Nanostructures

Tuesday, February 23, 2010, 10:01:00 PM | Donna McKinney



Scientists at NRL and the University of Illinois-Urbana Champaign recently reported a new technique for directly writing composites of nanoparticles and polymers.

Dr. John N. Russell Jr. Recognized for Distinguished Service to AVS

Monday, February 22, 2010, 10:01:00 PM | Amanda Bowie

Dr. James Butler Receives 2009 Hillebrand Prize

Sunday, February 21, 2010, 10:01:00 PM | Donna McKinney

Barron, Rowley Awarded Meritorious Civilian Service Medal

Monday, February 15, 2010, 10:01:00 PM | Shannon Breland

NRL Develops Technique To Speed Detection Process

Thursday, February 11, 2010, 10:01:00 PM | Dom Panciarelli



NRL researchers are developing a device to enable rapid detection and identification of bacteria, chemicals, and explosives in the environment or on the battlefield.

Sea Node Completes Trident Warrior 2009 Exercise with Positive Military Utility Assessment

Monday, January 18, 2010, 10:01:00 PM | Donna McKinney



NRL-developed "Sea Node" has completed the Trident Warrior 2009 Exercise and officially received a positive Military Utility Assessment.

Dr. Kevin Jensen Elected Fellow of the American Physical Society

Tuesday, January 05, 2010, 10:01:00 PM | Amanda Bowie

Fermi Large Area Telescope Points the Way to New Millisecond Pulsars

Monday, January 04, 2010, 10:01:00 PM | Amanda Bowie



The discovery of seventeen new millisecond pulsars was announced by scientists from NRL's Space Science Division and a team of international researchers.

Dr. Todd Holland Receives the Navy Meritorious Civilian Service Award

Wednesday, December 30, 2009, 10:01:00 PM | Amanda Bowie

Donald Gubser Named ASM International Fellow

Tuesday, December 22, 2009, 10:01:00 PM | Donna McKinney

NRL Researchers and Universities Collaborate to Win Supercomputing Bandwidth Challenge

Monday, December 21, 2009, 10:01:00 PM | Amanda Bowie



NRL team and collaborators win Supercomputing Bandwidth Challenge for effectively extending the local NRL campus InfiniBand network cloud across the country. The demonstration shows substantial functionality for visualization from a distributed Open Cloud Infrastructure.

Dr. Baruch Levush Receives Department of Navy Award for Outstanding Research and Development

Sunday, December 13, 2009, 10:01:00 PM | Daniel Parry

In honor of Captain Robert Dexter Conrad (1905-1949), the prestigious award of the Department of the Navy recognizes outstanding technical and scientific achievement in research and development.



Dr. Gerald Cooperstein Elected IEEE Fellow

Thursday, December 10, 2009, 10:01:00 PM | Dom Panciarelli



NRL's MISSE7 Launched Aboard STS-129

Sunday, December 06, 2009, 10:01:00 PM | Donna McKinney



The Materials on the International Space Station Experiment 7, designed and built by NRL, launched aboard STS-129 for transport to the International Space Station.

STPSat-1 Successfully Completes Extended Mission

Wednesday, December 02, 2009, 10:01:00 PM | Daniel Parry



The STPSat-1 was decommissioned October 7th after completing almost 2 1/2 years of successful on-orbit operation.

NRL Sensor Observes First Light

Tuesday, December 01, 2009, 10:01:00 PM | Daniel Parry



Special Sensor Ultraviolet Limb Imager observes first light. SSULI data products will be used operationally at the Air Force Weather Agency and as inputs into operational Space Weather models.

TacSat-4 Spacecraft Complete and Awaiting Launch

Monday, November 30, 2009, 10:01:00 PM | Donna McKinney



NRL engineers have completed all environmental and performance testing on the TacSat-4 COMMx payload. This completes the entire TacSat-4 spacecraft as the spacecraft bus was completed in May 2008.

NRL's Ion Tiger Sets 26-Hour Flight Endurance Record

Sunday, November 22, 2009, 10:01:00 PM | Donna McKinney



NRL's Ion Tiger, a hydrogen-powered fuel cell unmanned air vehicle (UAV), has set another unofficial flight endurance record for a fuel-cell powered flight. The 26 hour and 1 minute flight took place on November 16th through 17th.

International Expedition Investigates Climate Change, Alternative Fuels in Arctic

Thursday, November 19, 2009, 10:01:00 PM | Daniel Parry



NRL marine biogeochemistry and geology and geophysics scientists return from Arctic expedition exploring methane hydrate deposits in the Beaufort Sea and spatial variation of sediment contribution to Arctic climate change.

Book on Energetic Black-Hole Radiations by NRL Astrophysicist and Alabama University Partner

Sunday, November 15, 2009, 10:01:00 PM | Donna McKinney



In the newly released book *High Energy Radiation from Black Holes: Gamma Rays, Cosmic Rays, and Neutrinos*, Charles Dermer, an astrophysicist in the Space Science Division of the Naval Research Laboratory, and Govind Menon, a professor of physics at Troy University, Troy, Alabama, argue that black holes are the sources of the highest energy photon and particle radiations.

NRL Rocket Experiment Lights up the East Coast

Sunday, November 08, 2009, 10:01:00 PM | Donna McKinney

NRL recently conducted a chemical release experiment called the Charged Aerosol



Release Experiment (CARE) that was viewed along the East Coast of the United States. The bright optical display, easily seen from the ground, was produced by sunlight scattering off dust particles.

NRL Sensor Provides Critical Space Weather Observations

Monday, November 02, 2009, 10:01:00 PM | Daniel Parry



NRL's Space Science Division and Spacecraft Engineering Department offers a first of its kind technique for remote sensing of the ionosphere and thermosphere from space.

Navy Researchers Apply Science to Fire Fighting

Thursday, October 22, 2009, 10:01:00 PM | Donna McKinney



A fire aboard a Navy ship can quickly become a deadly cauldron. Today's Navy scientists are conducting research to insure that sailors and their ships can be protected from the deadly effects of fire.

Ion Tiger Fuel Cell Unmanned Air Vehicle Completes 23-Hour Flight

Tuesday, October 13, 2009, 10:01:00 PM | Donna McKinney



NRL's Ion Tiger, a hydrogen-powered fuel cell unmanned air vehicle (UAV), has flown 23 hours and 17 minutes, setting an unofficial flight endurance record for a fuel-cell powered flight. The test flight took place on October 9th through 10th at Aberdeen Proving Ground.

Dr. Joseph Huba Receives E.O. Hulburt Annual Science Award

Sunday, October 04, 2009, 10:01:00 PM | Daniel Parry



Recipient of the Laboratory's highest award, Dr. Huba is recognized for nearly 30 years of superior performance in theoretical and computational plasma physics. The E.O. Hulburt Award was established upon the retirement of NRL's first Director of Research, Dr. E.O. Hulburt, in 1955.

ORMatE Returns to NRL After Nearly Two Years in Earth Orbit

Tuesday, September 29, 2009, 10:01:00 PM | Daniel Parry



Optical Reflector Material Experiment (ORMatE-1) returns to NRL's Electronics Science and Technology Division after 18-month mission on-orbit the International Space Station.

NRL Begins Southeast Asia Study of Aerosols Linked to Global Warming

Sunday, September 27, 2009, 10:01:00 PM | Daniel Parry



NRL's Marine Meteorology Division deploys Mobile Atmosphere, Aerosol, and Radiation Characterization Observatory, MAARCO, to the National University of Singapore to begin the first comprehensive radiation and aerosol assessment in the Maritime Continent region.

NRL Artificial Intelligence Teams Win Prestigious Video Awards

Wednesday, September 23, 2009, 10:01:00 PM | Daniel Parry



Researchers at NRL's Navy Center for Applied Research in Artificial Intelligence awarded top honors in the video categories of "Best Overall" and "Most Informative" at the 21st International Joint Conference on Artificial Intelligence.

Fermi Large Area Telescope Reveals Pulsing Gamma-Ray Sources

Monday, September 21, 2009, 10:01:00 PM | Daniel Parry



Scientists at NRL's Space Science Division and a team of international researchers positively identify cosmic sources of gamma-ray emissions through the discovery of 16 pulsating neutron stars.

Night Time Artificial Cloud Study Conducted

Friday, September 18, 2009, 10:01:00 PM | Dick Thompson

The Charged Aerosol Release Experiment (CARE), a rocket experiment that may shed light on the highest clouds in the Earth's atmosphere, was conducted by NRL and



the Department of Defense Space Test Program using a NASA four-stage Black Brant XII suborbital sounding rocket.

NRL Scientist Receives 2009 SAIGE Meritorious Service Award

Monday, September 14, 2009, 10:01:00 PM | Daniel Parry



Dr. Joan Gardner of NRL's Marine Geosciences Division is recognized by the Society of American Indian Government Employees (SAIGE) for key contributions and commitment to our Nation's Global War on Terrorism by providing the means for future development of economic resources needed for a stable and legal economy in Afghanistan and suppression of current Taliban operations.

Naval Research Lab Brings New Hyperspectral Atmospheric and Ocean Science to the International Space Station

Wednesday, September 09, 2009, 10:01:00 PM | Daniel Parry



NRL's Remote Sensing and Space Science Divisions and the Naval Center for Space Technology provide the first-ever high quality and real-time monitoring of space weather and coastal ocean environment directly from the new Japanese Experiment Module-Exposed Facility (JEM-EF) on the International Space Station (ISS). A complex series of maneuvers, involving both the ISS and the JEM-EF manipulator arms, will transfer HREP from the vehicle to its deployment station on the JEM-EF.

Dr. John Kulp Receives Young Investigator Award at the 21st American Peptide Society Symposium

Monday, September 07, 2009, 10:01:00 PM | Amanda Bowie



Dr. John Kulp received the Young Investigator Award for his poster entitled, "Engineering Heterochiral Peptides" at the 21st American Peptide Society Symposium. The poster, co-authored by Drs. Kulp and Thomas Clark, described the design, synthesis, and characterization of a set of peptide nanotubes having a range of possible applications, including stochastic sensing, which offers the promise of ultrasensitive, real-time detection.

Lasers Generate Underwater Sound

Thursday, September 03, 2009, 10:01:00 PM | Amanda Bowie

Scientists at NRL are developing a new technology for use in underwater acoustics. The technology uses flashes of laser light to remotely create underwater sound. The new acoustic source has the potential to expand and improve both Naval and



commercial underwater acoustic applications, including undersea communications, navigation, and acoustic imaging.

Two NRL Researchers Named Service to America Medal Finalists

Monday, August 31, 2009, 10:01:00 PM | Donna McKinney



Two NRL employees, Dr. Fran Ligler and Mr. Chris Dwyer, have been named finalists for the 2009 Service to America Medals. These medals are presented annually by the Partnership for Public Service.

NRL Successfully Completes First Major Development Milestone on the NPOESS Microwave Imager/Sounder Program

Thursday, August 27, 2009, 10:01:00 PM | Daniel Parry



The MIS System Requirements and Design Review (SRDR) was the first major development milestone and the program sponsor, the NPOESS Integrated Program Office (IPO), has certified the SRDR to be a success.

Scientists Make First Discovery Using Revolutionary Long Wavelength Demonstrator Array

Sunday, August 23, 2009, 10:01:00 PM | Daniel Parry



Scientists from NRL's Space Science and Remote Sensing Divisions, in collaboration with researchers from the University of New Mexico and National Radio Astronomy Observatory have generated the first scientific results from the Long Wavelength Demonstrator Array.

NRL Monterey and Stennis Researchers Study Tropical Cyclones

Wednesday, August 19, 2009, 10:01:00 PM | Donna McKinney

The hurricane season has arrived and NRL researchers in Monterey, California, and in Stennis Space Center, Mississippi, are working on multiple aspects of tropical cyclone research.



NRL's XFC UAS Achieves Flight Endurance Milestone

Wednesday, August 05, 2009, 10:01:00 PM | Dick Thompson



The Naval Research Laboratory has completed a successful flight test of the fuel cell powered XFC (eXperimental Fuel Cell) unmanned aerial system (UAS). During the June 2 flight test, the XFC UAS was airborne for more than six hours.

ANDE-2 Deployed from Space Shuttle Endeavour

Tuesday, August 04, 2009, 10:01:00 PM | Donna McKinney



NRL's satellite suite, the Atmospheric Neutral Density Experiment 2 (ANDE-2), was deployed from NASA's Space Shuttle Endeavour on July 30, 2009. The ANDE-2 satellite suite consists of two nearly perfectly spherical micro-satellites. ANDE-2 is a low-cost mission designed to study the atmosphere of the Earth from low-Earth orbit by monitoring total atmospheric density between 300 and 400 km altitude.

Naval Research Laboratory voted a "Best Diversity Company 2009"

Monday, August 03, 2009, 10:01:00 PM | Donna McKinney



Diversity/Careers in Engineering & Information Technology magazine has named NRL a "Best Diversity Company 2009," based on a reader's choice survey. During March and April 2009, magazine readers and website visitors were asked to identify the corporations, government agencies and other organizations that do the best work in diversity.

NRL's Large Area Telescope Explores High-Energy Particles

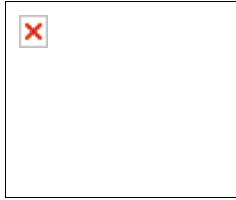
Sunday, August 02, 2009, 10:01:00 PM | Donna McKinney



The Fermi Gamma-ray Space Telescope is making some exciting discoveries about cosmic rays and the Large Area Telescope aboard Fermi is the tool in this investigation. Scientists in NRL's Space Science Division were instrumental in the design and development of the Large Area Telescope (LAT).

NRL Multidisciplinary Team Honored with 2009 FLC Award

Sunday, July 26, 2009, 10:01:00 PM | Donna McKinney



An NRL research team has won a 2009 Federal Laboratory Consortium Award for their development and commercialization of a microbial pathogen identification assay. The team's Resequencing Pathogen Microarray (RPM) technology offers potential applications for powerful biosurveillance capability in the control of infectious disease.

NRL Scientist Receives Patent for Rugged-Lightweight Spectrometer Assembly

Tuesday, July 21, 2009, 10:01:00 PM | Daniel Parry



NRL Space Science Division scientist, Dr. Christoph R. Englert, is awarded patent by the United States Patent and Trademark Office for a more cost effective, rugged and lightweight compression assembly design for spatial heterodyne spectrometer (SHS) interferometer applications. This innovative design approach introduces the flexibility of exchanging optical components while conserving the ruggedness of previous monolithic SHS interferometer designs and reducing their high production costs; a factor that has impeded wide-spread military and commercial application.

Jerome and Isabella Karle Retire from NRL Following Six Decades of Scientific Exploration

Monday, July 20, 2009, 10:01:00 PM | Donna McKinney



Dr. Jerome Karle and Dr. Isabella Karle are retiring on July 31 following a combined 127 years of federal service. He holds the Chair of Science as Chief Scientist of the Laboratory for the Structure of Matter. She has maintained an active research program in the Laboratory for the Structure of Matter. To celebrate their retirement, the Secretary of the Navy the Honorable Ray Mabus presented them with the Department of the Navy Distinguished Civilian Service Award.

NRL's ANDE-2 Launches Aboard STS-127

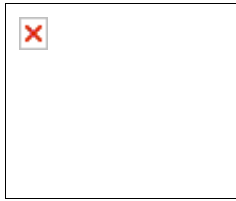
Tuesday, July 14, 2009, 10:01:00 PM | Donna McKinney



The NRL's satellite suite, the Atmospheric Neutral Density Experiment 2 (ANDE-2), launched aboard NASA's Space Shuttle Endeavour on July 15, 2009. The ANDE-2 satellite suite consists of two nearly perfectly spherical micro-satellites with instrumentation to perform two interrelated mission objectives. The first objective is to monitor the total atmospheric density along the orbit for improved orbit determination of resident space objects. The second is to provide a test object for both radar and optical U.S. Space Surveillance Network sensors.

Mr. Edward Kennedy Receives the Department of the Navy Superior Civilian Service Award

Tuesday, June 30, 2009, 10:01:00 PM | Amanda Bowie



Mr. Edward Kennedy, an electrical engineer in the Information Technology Division at the NRL, received the Department of the Navy Superior Civilian Service Award. The award is the second highest award a Navy civilian employee can receive. He is recognized for developing and managing the High Frequency Active Auroral Research Program ionospheric Research Station in Gakona, Alaska, a seventeen-year effort.

NRL's Dr. Dale Bibee Wins Prestigious FIRST Robotics Award

Tuesday, June 23, 2009, 10:01:00 PM | Donna McKinney



Dr. Dale Bibee, a section head in the Marine Geosciences Division of the NRL, received the Woodie Flowers Award at the FIRST Robotics Bayou Regional Competition on March 21st. He was recognized for mentoring the Northshore High School robotics team.

NRL Researchers Receive 16 Top Scientists and Engineers Awards

Sunday, June 14, 2009, 10:01:00 PM | Donna McKinney



Sixteen NRL researchers received the prestigious 2008 Dr. Delores M. Etter Top Scientists and Engineers of the Year Award. The Honorable Dr. Delores Etter, former Assistant Secretary of the Navy (Research, Development & Acquisition), established the award in 2006 to recognize Navy civilian and military personnel for superior scientific and engineering achievements, and to promote continued scientific and engineering excellence. A total of 20 Top Scientists and Engineers of the Year Awards were presented this year, representing 34 scientists and engineers.