

[NIST Docket Number: 07-011]

**Title:** Thermometer Based On Dielectric Electromagnetic Resonators.  
**Abstract:** The invention provides a new and innovative sapphire whispering gallery thermometer (SWGT) that is very robust and resistant to mechanical shock. The intrinsic frequency temperature dependence of the synthetic sapphire permittivity, coupled with the ease of locating the resonant frequency of a high-Q resonator, allows for the use of a whispering gallery mode resonator as a thermometer rather than as a frequency source. The temporal stability of sapphire as the thermometry material provides excellent long-term thermometric reproducibility. Temperature sensitivity and stability of response, as exhibited by measurement uncertainty determination, of less than 10 mK have been demonstrated.

[NIST Docket Number: 07-012US]

**Title:** Length Separation of Carbon Nanotubes by Centrifugation in a Dense Liquid.

**Abstract:** The invention provides a method for separating carbon nanotubes by length. The processes involve forming highly dispersed systems of the nanotubes followed by creating an array of layers in a centrifugation vessel.

[NIST Docket Number: 07-013US]

**Title:** Microfluidic Passive Sorting and Storage of Liquid Plugs Using Capillary Force.

**Abstract:** A three-dimensional microfluidic device for passive sorting and storing of liquid plugs is provided with homogeneous surfaces from the exposure of a photopolymer through binary masking motifs, i.e., arrays of opaque pixels on a transparency mask. The device includes sub-millimeter three-dimensional relief microstructures to aid in the channeling of fluids. The microstructures have topographically modulated features smaller than 100 micrometers.

[NIST Docket Number: 07-014US]

**Title:** Fabrication Method of Topographically Modulated Microstructures Using Pattern Homogenization With UV Light.

**Abstract:** The invention consists of a photolithographic technique for the fabrication of microstructures with arbitrary topography, which utilizes UV light and a binary transparency mask designed to trigger a homogenization effect on a photopolymer.

Dated: September 4, 2008.

**Richard F. Kayser,**  
*Chief Scientist.*

[FR Doc. E8-21155 Filed 9-10-08; 8:45 am]

**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Manufacturing Extension Partnership Advisory Board

**AGENCY:** National Institute of Standards and Technology, Department of Commerce.

**ACTION:** Notice of public meeting.

**SUMMARY:** Pursuant to the Federal Advisory Committee Act, 5 U.S.C. app. 2, notice is hereby given that the Manufacturing Extension Partnership (MEP) Advisory Board, National Institute of Standards and Technology (NIST) will meet Wednesday, October 22, 2008, from 11 a.m. to 5 p.m. The MEP Advisory Board is composed of 10 members appointed by the Director of NIST who were selected for their expertise in the area of industrial extension and their work on behalf of smaller manufacturers. The Board was established to fill a need for outside input on MEP. MEP is a unique program consisting of centers across the United States and Puerto Rico, with partnerships at the state, federal, and local levels. The Board works closely with MEP to provide input and advice on MEP's programs, plans, and policies. For this meeting, discussions will focus on updates of MEP current key initiatives, MEP's next generation strategic plan and opportunities for MEP in emerging industries. The agenda may change to accommodate Board business.

**DATES:** The meeting will convene October 22, 2008 at 11 a.m. and will adjourn at 5 p.m. on October 22, 2008.

**ADDRESSES:** The meeting will be held at The Inn & Conference Center, University of Maryland University College, 3501 University Blvd E, Adelphi, Maryland 20783. Anyone wishing to attend this meeting should submit name, e-mail address and phone number to Susan Hayduk ([susan.hayduk@nist.gov](mailto:susan.hayduk@nist.gov) or 301-975-5615) no later than October 17, 2008.

**FOR FURTHER INFORMATION CONTACT:** Karen Lellock, Manufacturing Extension Partnership, National Institute of Standards and Technology, Gaithersburg, Maryland 20899-4800, telephone number (301) 975-4269.

Dated: September 2, 2008.

**James M. Turner,**  
*Deputy Director.*

[FR Doc. E8-21148 Filed 9-10-08; 8:45 am]

**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

[Docket No: 080626784-81166-02]

#### Technology Innovation Program Extension of Due Date for Proposals

**AGENCY:** National Institute of Standards and Technology (NIST), United States Department of Commerce.

**ACTION:** Notice.

**SUMMARY:** Due to technical difficulties, NIST is extending the deadline for proposal submission for its Technology Innovation Program competition to 3 p.m. Eastern Time, Monday, September 15, 2008. NIST will accept only paper submissions during the extended time period.

**DATES:** Paper submissions must be received no later than 3 p.m. Eastern Time, Monday, September 15, 2008. Review, selection, and grant award processing is expected to be completed by early December 2008.

**ADDRESSES:** Paper submissions must be sent to the National Institute of Standards and Technology, 100 Bureau Drive, Stop 4701, Gaithersburg, MD 20899-4701.

**FOR FURTHER INFORMATION CONTACT:** Barbara Lambis via e-mail at [barbara.lambis@nist.gov](mailto:barbara.lambis@nist.gov) or telephone (301) 975-4447.

**SUPPLEMENTARY INFORMATION:** On July 15, 2008, the National Institute of Standards and Technology's (NIST) Technology Innovation Program (TIP) announced that it was soliciting high-risk, high reward research and development proposals for financial assistance (73 FR 40507). The due date for submission of all proposals was 3 p.m. Eastern Time, Thursday, September 4, 2008. Due to technical difficulties some proposers were unable to submit their proposals electronically on Thursday, September 4, 2008. In order to provide all interested parties the opportunity to submit a proposal for TIP, NIST is extending the solicitation period until 3 p.m. Eastern Time, Monday, September 15, 2008. Electronic proposals received between 3 p.m. and 11:59 p.m. Eastern Time on Thursday, September 4, 2008 will be deemed timely and given full consideration. Paper proposals received between 3 p.m. Eastern Time on Thursday, September 4, 2008 and September 11, 2008 will be deemed timely and given full consideration. During the extended solicitation period, NIST will accept only paper submissions. Proposers who attempted to submit electronic

proposals but were unsuccessful are encouraged to resubmit their proposals by paper. Paper submissions must be received by 3 p.m. Eastern Time, Monday, September 15, 2008. Please note that for paper submissions the Program requires one original and fifteen (15) copies of the proposal.

The proposal submission deadline applies to any mode of paper proposal delivery, including hand-delivery, courier, and express mailing, but not facsimile. Proposals submitted via facsimile will not be accepted. NIST will not make any allowances for late submissions. All TIP competition requirements and information announced in the July 15, 2008, **Federal Register** notice apply to proposals submitted during the extended time period with the exception of the review, selection, and award processing time that is now expected to be completed by early December 2008.

Executive Order 12372 (Intergovernmental Review of Federal Programs). Proposals under this program are not subject to Executive Order 12372.

Executive Order 13132 (Federalism). This notice does not contain policies with Federalism implications as defined in Executive Order 13132.

Executive Order 12866 (Regulatory Planning and Review). This notice is not a significant regulatory action under Sections 3(f)(3) and 3(f)(4) of Executive Order 12866, as it does not materially alter the budgetary impact of a grant program and does not raise novel policy issues. This notice is not an "economically significant" regulatory action under Section 3(f)(1) of the Executive Order, as it does not have an effect on the economy of \$100 million or more in any one year, and it does not have a material adverse effect on the economy, a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local, or tribal governments or communities.

Administrative Procedure Act and Regulatory Flexibility Act. Prior notice and comment are not required under 5 U.S.C. 553, or any other law, for rules relating to public property, loans, grants, benefits or contracts (5 U.S.C. 553(a)). Because prior notice and an opportunity for public comment are not required pursuant to 5 U.S.C. 553 or any other law, the analytical requirements of the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*) are inapplicable. Therefore, a regulatory flexibility analysis is not required and has not been prepared.

Dated: September 9, 2008.

**James M. Turner,**

*Deputy Director.*

[FR Doc. E8-21328 Filed 9-9-08; 4:15 pm]

**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

#### Availability of Seats for the Gulf of the Farallones National Marine Sanctuary Advisory Council

**AGENCY:** National Marine Sanctuary Program (NMSP), National Ocean Service (NOS), National Oceanic and Atmospheric Administration, Department of Commerce (DOC).

**ACTION:** Notice and request for applications.

**SUMMARY:** The Gulf of the Farallones National Marine Sanctuary (Sanctuary) is seeking applicants for the following vacant seats on its Sanctuary Advisory Council (council): Conservation Primary; Conservation Alternate, and Community-at-Large Marine/Sonoma Alternate. Applicants are chosen based upon their particular expertise and experience in relation to the seat for which they are applying; community and professional affiliations; philosophy regarding the protection and management of marine resources; and possibly the length of residence in the area affected by the sanctuary. Applicants who are chosen as members should expect to serve 2-3 year terms, pursuant to the council's Charter.

**DATES:** Applications are due by October 27, 2008.

**ADDRESSES:** Application kits may be obtained from <http://www.farallones.noaa.gov/manage/sac.html>, or Kelley Higgason, 991 Marine Dr., The Presidio, San Francisco, CA 94129. Completed applications should be sent to the same address.

**FOR FURTHER INFORMATION CONTACT:**

Kelley Higgason, 991 Marine Dr., The Presidio, San Francisco, CA 94129, 415-561-6622 ext. 202, [kelley.higgason@noaa.gov](mailto:kelley.higgason@noaa.gov).

**SUPPLEMENTARY INFORMATION:** The Sanctuary Advisory Council provides the Sanctuary Superintendent with advice on the management of the Sanctuary. Members provide advice to the Superintendent on issues affecting resource protection, the Sanctuary's primary purpose. The Council, through its members, serve as liaisons to the community regarding Sanctuary issues and act as a conduit, relaying the

community's interests, concerns, and management needs to the Sanctuary. The Sanctuary Advisory Council members represent public interest groups, local industry, commercial and recreational user groups, academia, conservation groups, government agencies, and the general public. Members serve either two- or three-year terms in order to stagger Council membership and allow continuity.

**Authority:** 16 U.S.C. 1431, *et seq.*

(Federal Domestic Assistance Catalog Number 11.429, Marine Sanctuary Program)

Dated: September 4, 2008.

**Daniel J. Basta,**

*Director, National Marine Sanctuary Program, National Ocean Service, National Oceanic and Atmospheric Administration.*

[FR Doc. E8-21021 Filed 9-10-08; 8:45 am]

**BILLING CODE 3510-NK-M**

## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

**RIN 0648-XK33**

#### Marine Mammals; File Nos. 13583 and 13599

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice; receipt of application.

**SUMMARY:** Notice is hereby given that the following two entities have applied in due form for permits to conduct import marine mammal parts for scientific research purposes:

National Marine Mammal Laboratory (NMML), Dr. John Bengtson, Responsible Party), 7600 Sand Point Way NE, Seattle, WA 98115 (File No. 13583) and

National Ocean Service Marine Forensic Lab (NOS Lab, Julie Carter, Principal Investigator), 219 Fort Johnson Road, Charleston, SC 29412 (File No. 13599).

**DATES:** Written, telefaxed, or e-mail comments must be received on or before October 14, 2008.

**ADDRESSES:** The applications and related documents are available for review upon written request or by appointment in the following office(s):

Permits, Conservation and Education Division, Office of Protected Resources, NMFS, 1315 East-West Highway, Room 13705, Silver Spring, MD 20910; phone (301)713-2289; fax (301)427-2521 (File Nos. 13583 and 13599);

Alaska Region, NMFS, P.O. Box 21668, Juneau, AK 99802-1668; phone (907)586-7221; fax (907)586-7249; and