

DEPARTMENT OF COMMERCE**National Institute of Standards and Technology****Jointly Owned Invention Available for Licensing**

AGENCY: National Institute of Standards and Technology, Commerce.

ACTION: Notice of jointly owned invention available for licensing.

SUMMARY: The invention listed below is jointly owned by the U.S. Government, as represented by the Department of Commerce, and the University of California, Berkeley, the Lawrence Berkeley National Laboratory, the University of Colorado, and Protiro. The Department of Commerce's interest in the invention is available for licensing in accordance with 35 U.S.C. 207 and 37 CFR part 404 to achieve expeditious commercialization of results of federally funded research and development.

FOR FURTHER INFORMATION CONTACT: Technical and licensing information on this invention may be obtained by writing to: National Institute of Standards and Technology, Office of Technology Partnerships, Building 222, Room A242, Gaithersburg, MD 20899. Information is also available via telephone: 301-975-2649, fax 301-975-3482, or e-mail:

nathalie.rioux@nist.gov. Any request for information should include the NIST Docket number or Patent number and title for the invention as indicated below. The invention available for licensing is:

NIST Docket Number: 08-017

Title: Integrated Microchip Incorporating Atomic Magnetometers and Microfluidic Channels for Detection of NMR and MRI.

Abstract: A microfluidic chip incorporating an alkali vapor cell and microfluidic channel is described, which can be used to detect the nuclear magnetism of a polarized sample of nuclei in a fluid. Small magnetic fields in the vicinity of the vapor cell can be measured by optically polarizing and probing the spin precession in said small magnetic field. This can then be used to detect the magnetic field due to the sample of nuclei in the adjacent microfluidic channel. The nuclear magnetism in the microfluidic channel can be modulated by applying an appropriate series of radio or audio frequency pulses upstream from the microfluidic chip to yield a sensitive means of detecting nuclear magnetic resonance and magnetic resonance imaging.

Dated: December 9, 2009.

Patrick Gallagher,

Director.

[FR Doc. E9-30133 Filed 12-17-09; 8:45 am]

BILLING CODE 3510-13-P

DEPARTMENT OF COMMERCE**National Institute of Standards and Technology****Advisory Committee on Earthquake Hazards Reduction Meeting**

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

ACTION: Notice of open meeting.

SUMMARY: The Advisory Committee on Earthquake Hazards Reduction (ACEHR or Committee), will hold a conference call meeting on Tuesday, January 5, 2010, from 1 p.m. to 3 p.m. Eastern Standard Time (EST). The primary purpose of this meeting is to review the Committee's draft letter to the NIST Director on achieving national resilience. The draft letter will be posted on the NEHRP Web site at <http://nehrp.gov/>. Interested members of the public will be able to participate in the meeting from remote locations by calling into a central phone number.

DATES: The ACEHR will hold a conference call meeting on Tuesday, January 5, 2010, from 1 p.m. until 3 p.m. Eastern Standard Time (EST). The meeting will be open to the public. Interested parties may participate in the meeting from their remote location.

ADDRESSES: Questions regarding the meeting should be sent to National Earthquake Hazards Reduction Program Director, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 8630, Gaithersburg, Maryland 20899-8630. For instructions on how to participate in the meeting, *please see* the **SUPPLEMENTARY INFORMATION** section of this notice.

FOR FURTHER INFORMATION CONTACT: Dr. Jack Hayes, National Earthquake Hazards Reduction Program Director, National Institute of Standards and Technology, 100 Bureau Drive, Mail Stop 8630, Gaithersburg, Maryland 20899-8630. Dr. Hayes' e-mail address is *jack.hayes@nist.gov* and his phone number is (301) 975-5640.

SUPPLEMENTARY INFORMATION: The Committee was established in accordance with the requirements of Section 103 of the NEHRP Reauthorization Act of 2004 (Pub. L. 108-360). The Committee is composed of 15 members appointed by the

Director of NIST, who were selected for their technical expertise and experience, established records of distinguished professional service, and their knowledge of issues affecting the National Earthquake Hazards Reduction Program. In addition, the Chairperson of the U.S. Geological Survey (USGS) Scientific Earthquake Studies Advisory Committee (SESAC) serves in an ex-officio capacity on the Committee. The Committee assesses:

- Trends and developments in the science and engineering of earthquake hazards reduction;
- The effectiveness of NEHRP in performing its statutory activities (improved design and construction methods and practices; land use controls and redevelopment; prediction techniques and early-warning systems; coordinated emergency preparedness plans; and public education and involvement programs);
- Any need to revise NEHRP; and
- The management, coordination, implementation, and activities of NEHRP.

Background information on NEHRP and the Advisory Committee is available at <http://nehrp.gov/>.

Pursuant to the Federal Advisory Committee Act, 5 U.S.C. app., notice is hereby given that the Advisory Committee on Earthquake Hazards Reduction (ACEHR) will hold a conference call meeting on Tuesday, January 5, 2010, from 1 p.m. until 3 p.m. Eastern Standard Time (EST). There will be no central meeting location. The public is invited to participate in the meeting by calling in from remote locations. The primary purpose of this meeting is to review the Committee's draft letter to the NIST Director on achieving national resilience. The draft letter will be posted on the NEHRP Web site at <http://nehrp.gov/>.

Individuals and representatives of organizations who would like to offer comments and suggestions related to the Committee's affairs are invited to request detailed instructions on how to dial in from a remote location to participate in the meeting. Approximately fifteen minutes will be reserved from 2:45 p.m.-3 p.m. Eastern Standard Time (EST) for public comments, and speaking times will be assigned on a first-come, first-serve basis. The amount of time per speaker will be determined by the number of requests received, but is likely to be about 3 minutes each. Questions from the public will not be considered during this period. Speakers who wish to expand upon their oral statements, those who had wished to speak but could not be accommodated, and those