NEWS

CEAT RAs Win FAA Graduate Research Awards on Public-Sector Aviation Issues
CEAT PhD graduate students, Jinfeng Wang and Francisco Evangelista Jr., received research awards from the Graduate Research Award Program on Public-Sector Aviation Issues. This award program is sponsored by the U.S. DOT Federal Aviation Administration (FAA) and administered by the Airport Cooperative Research Program (ACRP). It is designed to encourage applied research on airport and related aviation system issues and to foster the next generation of aviation community leaders. Click here to read more...

CEAT 2010 Internship Program
The FAA sponsored seven students for the CEAT Summer Internship Program working on research projects with CEAT Graduate Students and Faculty. The CEAT Internship Program is sponsored by the FAA Minority Outreach Project. Click here to read more details...

New Technology Advances Bird Radar Use at Airports
University of Illinois researchers, led by Professor Edwin Herricks, announced the commissioning of a new advanced bird tracking system using avian radars at the Seattle-Tacoma International Airport in Washington State. The system, deployed by the Federal Aviation Administration (FAA)-designated Center of Excellence for Airport Technology (CEAT) at the University of Illinois, with the support of wildlife biologists at the Port of Seattle and equipment from Accipiter Radar, is now live and provides wildlife managers with real time displays of bird activity on and around an airport, presented as overlays on a Google Earth™ map of the area. Click here to read more details...

RESEARCH BRIEFS

Tech Note 41 – HWD Testing Results for Runway 9L-27R at ORD
This technical note is authored by CEAT Professor Jeff Roesler and Graduate Student J. Kern.

Tech Note 42 – O’Hare Modernization Program (Completion Phase) Earthwork Management Plan
This technical note is authored by CEAT Professor Emeritus Marshall Thompson and Professor James Long.

CEAT Tech Notes can be found on the web site (http://ceat.illinois.edu) under the Publications section, click on Technical Notes, password-ceat.

OUTREACH AND TECHNOLOGY TRANSFER

Seminar on “An Advanced Single Particle Model for C₃S and Alite Hydration”
August 6, 2010
Professor Joseph Biernacki from the Department of Chemical Engineering at Tennessee Technological University gave a seminar for CEE faculty and students hosted by CEAT on August 6, 2010. Click here to read more details...

CEAT Hosts Researchers from Japan
June 4, 2010
Two researchers from Japan, Professor Ryoichi Sato from Hiroshima University and Professor Ippei Maruyama, from Nagoya University presented on the subjects: “A New Concept for the Effect of Early Age Shrinkage on Strength and Diagonal Cracking of Reinforced HSC Beams” and “Origin of Drying Shrinkage of Hardened Cement Paste: Hydration Pressure”. Click here to read more details...

CEAT Guest Speaker – “Properties of Fique Fiber Reinforced Self Compacting Concrete”
May 14, 2010
Professor Silvio Delvasto from the Universidad del Valle in Cali, Colombia, presented on fique fibers that are common natural fibers grown in Colombia that have potential in concrete materials. He presented the results of an experimental study about the effect of embedding treated fique fiber into a Self-Compacting Concrete matrix.
OMP Brown Bag Lunch Seminars Featuring CEAT Faculty:

September 2010
Professor Bill Buttlar presented on the topic – Warm Mix Asphalt and New Thought on Tack Coats – on September 14, 2010. [Click here to read more details...]

June 2010
Professor Bruce Branham presented on the topic - Turf Establishment Basics - Not as easy as it seems on June 22, 2010. [Click here for more details...]

May 2010
Professor David Lange presented on the topic - Round Table Discussion of Paint Removal Techniques – on May 19, 2010. [Click here for more details...]

March 2010
Professor Bill Buttlar presented on the topic - Warm Mix Asphalt – on May 3, 2010. [Click here to view more...]

February 2010
Professor Erol Tutumluer presented on the topic - Use of Geosynthetics in Transportation Applications – on February 12, 2010. [Click here for more...]

CONFERENCES AND EVENTS

Transportation Research Board (TRB) Annual Meeting
January 17, 2010
Washington, D.C. – CEAT was one of many sponsors for the annual CEE alumni reception at the 89th annual Transportation Research Board meeting. See photos and read more on the event on Page 40 of the CEE Magazine: [Click here...]

New Offices Open for CEAT Airport Safety Management Office
December, 2009
Urbana, IL – The Center’s Airport Safety Management Program has a new work space in Newmark Civil Engineering Laboratory, the opening of which was marked December 9, 2009, by a ribbon cutting, video presentation and tour. [Click here for more details...]

AWARDS AND HONORS

Jinfeng Wang and Francisco Evangelista, Jr. – FAA Research Award Program
August 2010
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Imad Al-Qadi – ASCE Distinguished Member
May 2010
Professor Imad Al-Qadi, CEAT PI, was has been elected a Distinguished Member of the American Society of Civil Engineers (ASCE). A distinguished member is one who has made legendary contributions to civil engineering and achieved eminence in his or her branch of engineering or field. More about Prof. Al-Qadi...]

Jeffery Roesler – 2010 Xerox Faculty Research Award
May 2010
Professor Jeffery Roesler received the 2010 Xerox Research award from the College of Engineering at the University of Illinois. This award honors faculty for outstanding research and are given to professors who have been judged by their colleagues to have conducted the best research during the past five academic years. More about Prof. Roesler...]

Theresa Kissane – CEAT FAA Student of the Year Award
December 2009
CEAT PhD Graduate Student, Theresa Kissane, was awarded the FAA Center of Excellence 2009 Student of the Year Award. [Click here for more details...]

CONTACT INFO

Thanks for reading our e-newsletter. For more information about the Center of Excellence for Airport Technology at the University of Illinois, visit [http://www.ceat.illinois.edu/]. The Director of CEAT is Prof David Lange: dlange@illinois.edu.
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