



NEWS

FAA Program Manager visits OMP and UIUC

David Brill, FAA COE Program Manager, visited the OMP and UIUC on September 26-27. Dr. Brill met with the Engineering and Administrative people at the O'Hare Modernization Program in Chicago. Ross Anderson, BPC Airport Partners, gave D. Brill and D. Lange a tour of the OMP facilities and the O'Hare construction site for the new runways. Brill presented to the OMP at the CEAT sponsored Brown Bag Seminar Series. While at UIUC, D. Brill toured ATREL, attended personal visits with CEAT faculty, and met with CEAT students. Brill participated in the FAA sponsored Ph.D. Prelim of Kyoungsoo Park on September 27. [Click here to view the Brown Bag Seminar flyer...](#)

Middle School Students learn about Materials

On October 9, thirty middle school students from Chicago City schools and seven parents toured UIUC and attended the Outreach Event at CEAT in the Newmark Civil Engineering Lab. CEAT hosted the students for two hours of learning and hands-on activities featuring *Water Physics and the Affects of Materials*. [Click here to read more...](#)

O'Hare Safety Expo 2006

The Center participated as a vendor in the O'Hare Safety Expo on October 4 at the O'Hare International Airport AMC Building. The Safety Expo brings the Aviation Community together and recognizes employees who have contributed significantly to the Aviation Community. [Read more about the event...](#)

RESEARCH BRIEFS

Tech Note 26 – Potential Frost Problems

The latest Tech Note is entitled, "Evaluation of Potential Frost Problems in Pavement Components for O'Hare Runway 9L-27R" by B. Dempsey and A. Apeageyi. [Click here to learn more...](#)

Tech Note 25 – Value Engineering

This Tech Note summarizes various recommendations that resulted from a value engineering meeting at OMP on May 17, 2006, entitled "Value Engineering for OMP Pavement Design" by D. Lange and J. Roesler. [Click here to learn more...](#)

Tech Note 24 – Saw Cut Timing

This Tech Note is entitled, "Fracture Mechanics Analysis for Saw Cutting Requirements of Concrete Pavements", authored by J. Roesler, D. Lange, C. Gaedicke and S. Villalobos. [Click here to learn more...](#)

The complete list of CEAT Tech Notes can be found on the CEAT web site (<http://ceat.uiuc.edu>) under the Publications section, password-ceat.

OUTREACH AND TECHNOLOGY TRANSFER

Brown Bag Lunch Seminar Series at OMP

October 26, 2006

Diego Klabjan presented, "[Emerging Technologies and Economic Studies](#)". Diego is a new Faculty member in the Department of Civil and Environmental Engineering at UIUC this fall. He is an Associate Professor in the Transportation Engineering group.

Wilkins Aquino Seminar

October 3, 2006

Wilkins Aquino, an Assistant Professor at Cornell University in the Department of Civil and Environmental Engineering, lectured to CEAT faculty, students and visitors on the characterization of thermophysical properties in early age Portland cement concrete. He obtained his Graduate and Ph.D. degrees at UIUC in the Department of Civil and Environmental Engineering in 2003. [Click here to see more on the seminar...](#)

Chicago HS Students visit CEAT and UIUC

August 30, 2006

Four high school seniors from the [Mc4West program](#) visited the CEAT center and met with the center Director, Prof. Lange, and toured the Newmark Civil Engineering Lab and the University of Illinois at Urbana-Champaign campus.

CONFERENCES AND EVENTS

Transportation & Highway Engineering (THE) Conference

February 20-21, 2007

Urbana, IL – University of Illinois at the Illini Union Building

Call for abstracts and more information on the conference, [Click here to visit the site...](#)

2007 FAA Worldwide Technology Transfer Conference and Exposition

April 16-18, 2007

Atlantic City, New Jersey

Call for abstracts and more information on the conference, [Click here to visit the site...](#)

AWARDS AND HONORS

Jeff Roesler

Promoted to Associate Professor

CEAT Faculty and lead PI, Jeff Roesler, has been promoted to Associate Professor within the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign.

Erol Tutumluer

Named Paul F. Kent Faculty Scholar

CEAT faculty and lead PI, Erol Tutumluer, received the Paul F. Kent Faculty Scholar Award. Paul F. Kent received a B.S. degree in Civil Engineering in 1920. He was the first President of the Civil Engineering Alumni Association and was the recipient of the UI Loyalty Award.

Marshall Thompson

Best Paper Award, 10th International Conference on Asphalt Pavements

CEAT faculty and PI, Professor Emeritus Thompson, paper titled "*Concepts for Developing a Mechanistic Empirical Based CAN Procedure for New Generation Aircraft,*" and co-authored by Franco Gomez-Ramirez, Edward Gervais and Michael Roginski was selected as Best Paper of the conference.

CONTACT INFO

Thanks for reading our quarterly e-newsletter. For more information about the Center of Excellence for Airport Technology at the University of Illinois, visit <http://ceat.cee.uiuc.edu/>. The Director of CEAT is Prof David Lange: dlange@uiuc.edu. For questions or comments, send email to Vicki Dixon: vdixon@uiuc.edu.