Researchers at the University of Illinois are beginning a study on the effectiveness of removal techniques for painting used for pavement markings. Some techniques, such as grinding, scar the concrete surface and leave marks that can be distracting to pilots viewing the pavement from the air. This project intends to review the available technology to provide recommendations on paint removal without scarring. The study will include experimental studies that seek better understanding of how paints adhere to the surface layer of concrete, and how the microstructure of the interface relates to effectiveness of removal techniques. At this Brown Bag, we invite interested parties to participate in open discussion about their experience and their recommendations for the UIUC study.

David A. Lange holds a B.S. (Valparaiso University 1981) in civil engineering, MBA (Wichita State University 1984), and Ph.D. (Northwestern University 1991) in civil engineering. He has been on the faculty of the department of Civil and Environmental Engineering at the University of Illinois since 1992 and is a Narbey Khachaturian Faculty Scholar. He is the Director of the Center of Excellence for Airport Technology (CEAT) which is funded by the Federal Aviation Administration and the O'Hare Modernization Program.

"Paint Removal Techniques"

Professor David Lange

12:00 pm, Thursday, December 9, 2010
OMP Conference Room – “Hotel”
10510 West Zemke Road, Chicago