

FACULTY SEMINAR SERIES



PARK SMART: PARKING SPACE AVAILABILITY MONITORING AT PITTSBURGH INTERNATIONAL AIRPORT

Thursday, November 9, 2016

Noon-1:20 p.m.

Hamburg Hall 1206

Lunch will be provided.

Alexander Hauptmann is an American Systems Scientist in the School of Computer Science at Carnegie Mellon University. He has been the leader of the Informedia Digital Library which has made seminal strides in multimedia information retrieval and won best paper awards at major conferences. He was also a founder of the international advisory committee for TRECVID.

Alex Hauptmann started at the Johns Hopkins University in 1978 and received a BA and a MA in Psychology in 1982. For two years he studied Computer Science at the Technische Universitaet Berlin. In 1991 he received a Ph.D. in Computer Science from the Carnegie Mellon University.

From 1984 he was researcher at the Carnegie Mellon University in the CMU speech group. The next two years he was a research associate at the School of Computer Science, since 1994 a System Scientist and since 1998 a Senior System Scientist.

In 2003 he received the Allen Newell Award for Research Excellence, for the Informedia Digital Library, with H. Wactlar, M. Christel, T. Kanade and S. Stevens.

Have you ever circled a large parking lot searching for an available space? Dr. Alexander Hauptmann, a Principal Systems Scientist in the School of Computer Science at Carnegie Mellon University, will discuss the progress of his collaboration with Pittsburgh International Airport to develop a smart parking system for improved parking in large parking lots. The effort uses camera observations to track cars and identify available, reserved and occupied parking spaces. A database will hold this information and an app for smartphones that will be activated when people pass enter the parking lot and will pass along information about the most efficient parking spaces. This smart parking partnership will be able to save travelers time and avoid the anxiety and the environmental impacts of searching for parking spaces.

traffic21
a transportation research institute of Carnegie Mellon University

**Technologies for
Safe and Efficient
Transportation**

**THE NATIONAL USDOT UNIVERSITY
TRANSPORTATION CENTER FOR SAFETY**

Carnegie Mellon University UNIVERSITY of PENNSYLVANIA