

CIVIL & ENVIRONMENTAL ENGINEERING GRAD STUDENT SEMINAR ANNOUNCEMENT

Integration of Multimodal Transportation Systems

**Dr. Paul Schonfeld, Professor
Civil Engineering
University of Maryland**

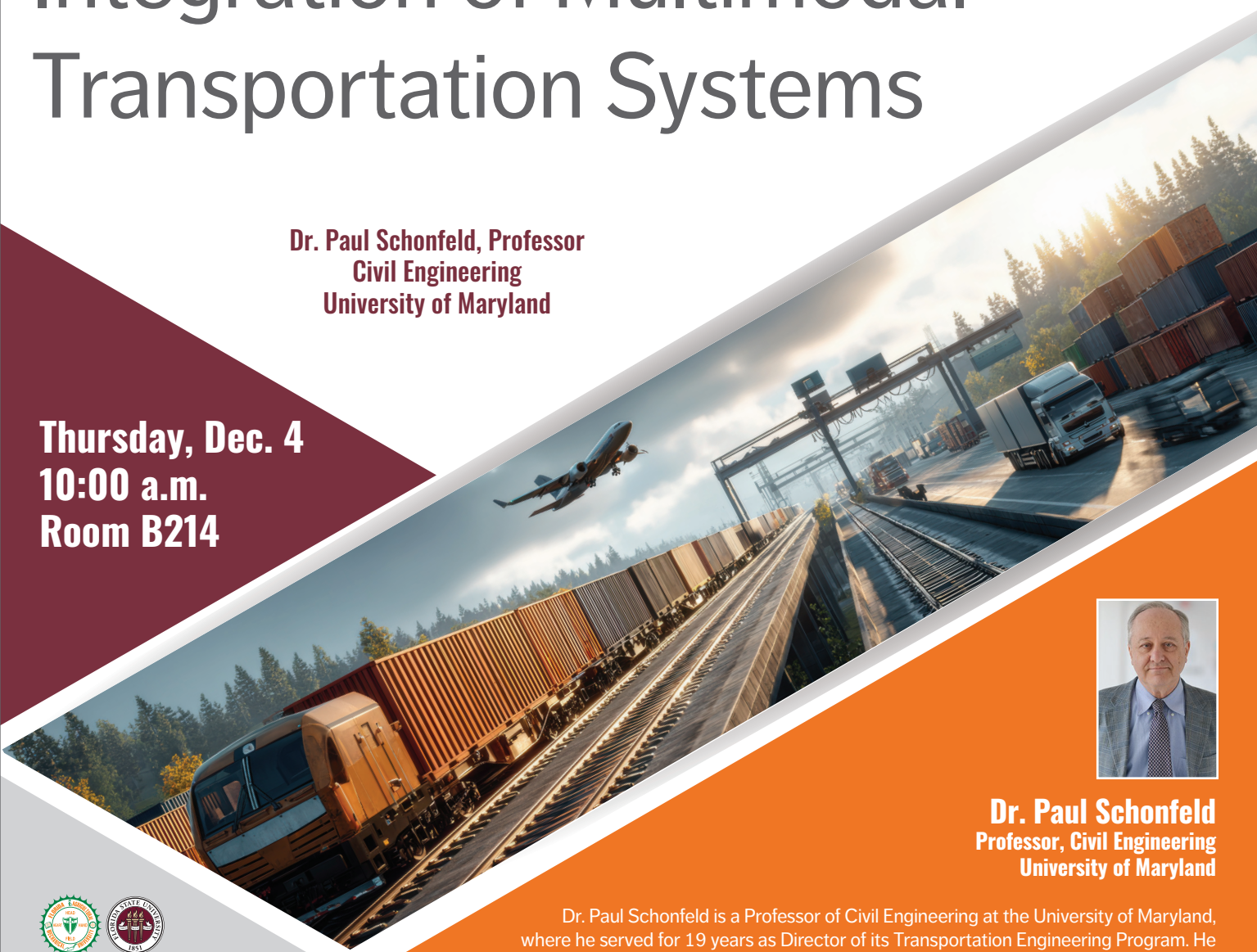
**Thursday, Dec. 4
10:00 a.m.
Room B214**



**FAMU-FSU
College of
Engineering**

**This event is
sponsored by
FAMU-FSU College of Engineering
Department of Civil & Environmental Engineering**

Since various transportation modes have quite different advantages and disadvantages, opportunities often exist for improving overall system effectiveness through several forms of multi-modal integration. These include hierarchical network structures and service concepts, integrated marketing and pricing, resource sharing (e.g., of road space or vehicles), resource switching (e.g., of vehicles and personnel) among service types in response to demand fluctuations, and the use of some modes as back-ups for others. Various methods for analyzing and accomplishing multimodal integration will be discussed, with particular emphasis on reliable coordination of passenger and freight transfers in transportation terminals. Examples will be included from conventional public transportation paratransit services and freight logistics.



Dr. Paul Schonfeld
Professor, Civil Engineering
University of Maryland

Dr. Paul Schonfeld is a Professor of Civil Engineering at the University of Maryland, where he served for 19 years as Director of its Transportation Engineering Program. He has B.S. and M.S. degrees from the Massachusetts Institute of Technology and a Ph.D. from the University of California at Berkeley. He has experience in analyzing various transportation systems, including road networks and traffic management systems, public transportation systems, infrastructure design and management, freight logistics, inland waterways and airports. He has over 600 publications, including 265 accepted for peer-reviewed journals. 25 of his Ph.D. students have accepted faculty positions at research universities. He is a Fellow of the American Society of Civil Engineers (ASCE) and of the Institute of Transportation Engineers (ITE). He has served as Editor of the Journal of Advanced Transportation and of ASCE's Journal of Transportation Engineering. He received ASCE's 2018 James Laurie Prize for career achievements in transportation engineering.