



DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Department of Civil and Environmental Engineering cordially

invites all students to a graduate seminar

on

**BRIDGE EARTHQUAKE ENGINEERING RESEARCH-
EXAMPLES OF COMPONENTS, ADVANCED MATERIALS,
AND SYSTEM STUDIES.**

by

Prof. M. Saïd Saïdi

University of Nevada, Reno

on

Wednesday, Nov. 14, 2007 at 4:00 pm

at

EC-3665

Abstract

The ultimate goal of research on earthquake response of bridges is to understand and improve the performance of these structures during moderate and strong earthquakes. To reach this goal different critical aspects of bridge seismic response need to be studied through testing and analysis. The presentation will focus on three recent studies led by the speaker addressing reinforced concrete bridge column response under near fault ground motions, the utilization of advanced materials such as shape memory alloys and especially engineered ductile concrete, and bridge system response on multiple shake tables.