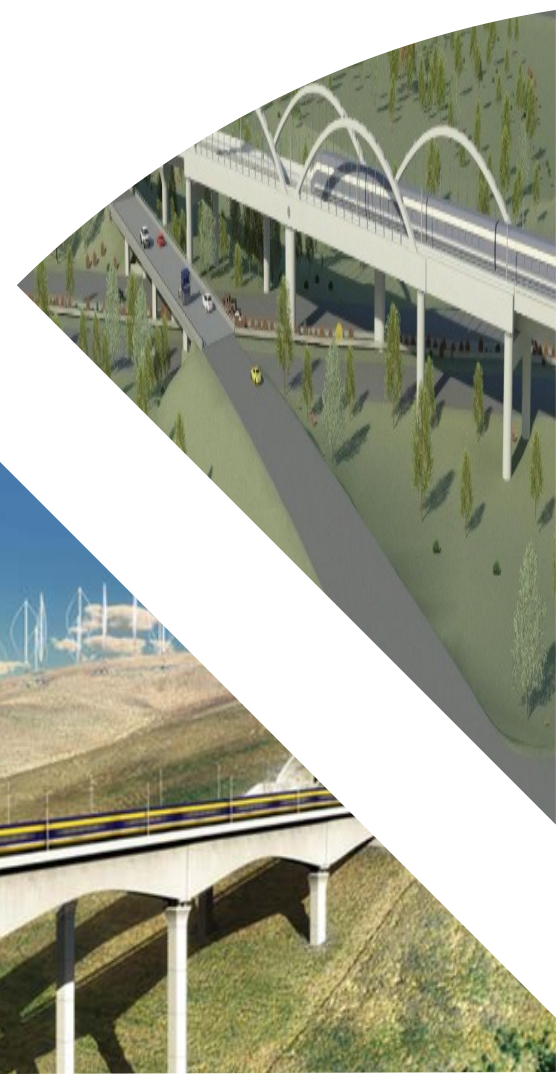
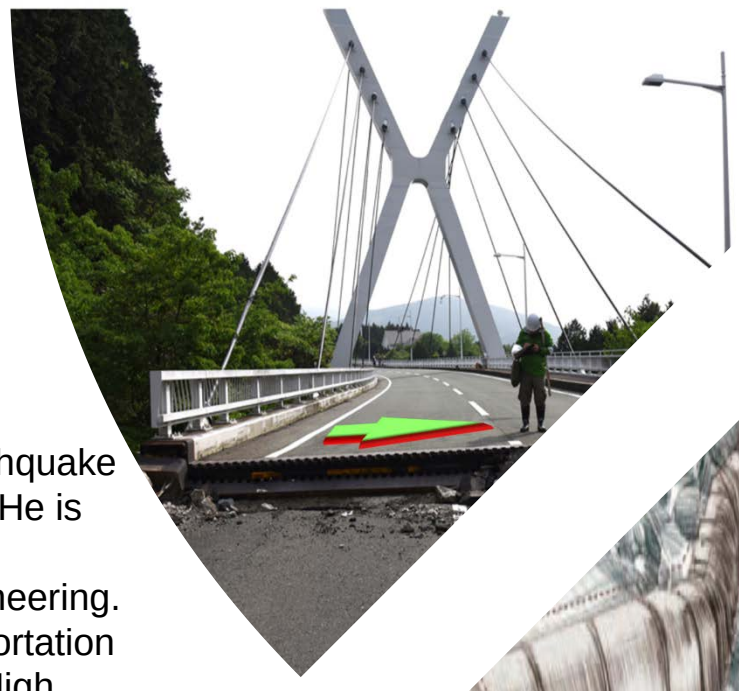
COLORADOSCHOOLOFMINES
EARTH • ENERGY • ENVIRONMENT

UNDERGROUND LUNCH&LEARN

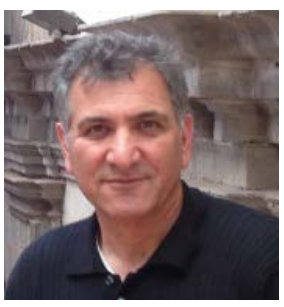
SEISMIC DESIGN & ANALYSIS OF HIGH SPEED RAIL INFRASTRUCTURES



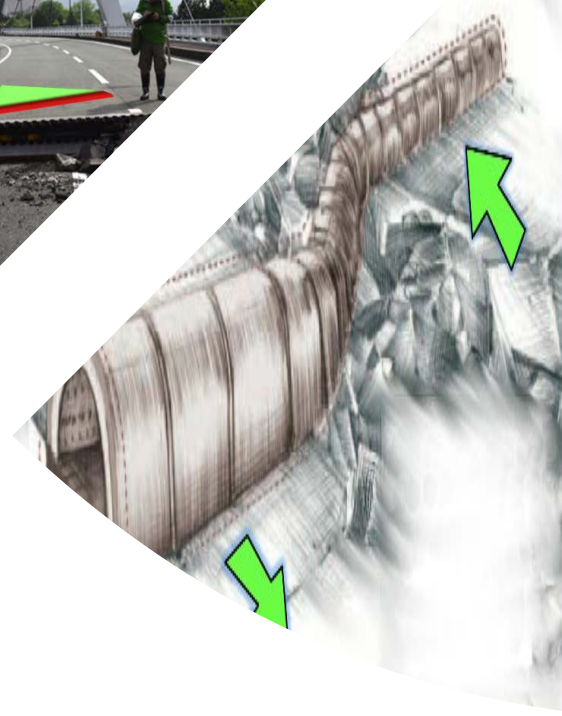
The primary focus of the seminar will be to highlight the importance of coupling the knowledge and expertise of both Bridge Engineers as well as Geo-engineers in order to simulate the real behavior of the California High Speed Rail (CHSR) complex infrastructures subjected to seismic excitation. The theme of this seminar is innovation and advancement of technology in earthquake engineering which can provide increased seismic safety of CHSR infrastructures.



MARCH 7, 12-1 P.M.
BROWN HALL W250



Dr. Shamsabadi has more than 30 years of professional and teaching experience in earthquake engineering for transportation infrastructure. He is widely recognized for his work on advanced structural and geotechnical earthquake engineering. Dr. Shamsabadi holds a Supervisory Transportation Engineering Manager position at California High Speed Authority and is a member of Technical Advisory Panel for the California High Speed Rail Program. Dr. Shamsabadi is co-author of the Federal Highway Administration (FHWA) guidance document on LRFD Seismic Analysis and Design of Transportation Geotechnical Features and Structural Foundations. Dr. Shamsabadi's research interests are in nonlinear seismic Soil-Foundation-Structure Interaction of complex infrastructures. He is currently performing 3D nonlinear global models of High Speed Rail infrastructures to examine the impact of vibratory ground motions with strong velocity pulses combined with fling effects for seismic design and analyses of complex fault-crossing infrastructures.



underground

UNIVERSITYTRANSPORTATIONCENTER
FOR UNDERGROUND TRANSPORTATION INFRASTRUCTURE

underground.mines.edu :: underground.mines.edu/utc-uti

EMAIL UNDERGROUND@MINES.EDU TO SIGN UP FOR SEMINAR ANNOUNCEMENTS

UC