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Bozidar Stojadinovic is a Professor with the Department of Civil and Environmental Engineering at the University of California, Berkeley. His degrees are in Civil Engineering: PhD from the University of California, Berkeley in 1995, MS from Carnegie-Mellon University in 1990 and BS from the University of Belgrade, Serbia in 1988. His primary research interest is in probabilistic performance-based seismic design of civil structures. In this area, he specializes in performance-based evaluation of highway bridges and nuclear facility structures using the methodology developed within the Pacific Earthquake Engineering Center at Berkeley. He is a member of the ACI and AISC committees developing structural engineering design code for nuclear facility structures. Behavior and seismic design of steel structures is his second research interest area. He is investigating the stress and strain distribution in fully-restrained connections, including beam-column, column base and column splice connection. In the area of application of information technologies in structural engineering, he is developing new experimental methods and, in particular, the hybrid simulation method for evaluation of civil structures using hybrid models that combine physical and numerical substructures. He is a key member of the *nees@berkeley* Equipment Site team and a leader in developing methods for geographically distributed hybrid simulation using NEES facilities and methods for evaluating the quality of hybrid simulations.