You are invited to attend a **free** seminar sponsored by the City of Newport Beach

BUCKLING-RESTRAINED BRACED FRAMES

Instructor: Rafael Sabelli, S.E.

ICC PREFERRED EDUCATION PROVIDER

Buckling-restrained braced frames are a relatively new type of seismic-force-resisting system that has gained prevalence in recent years due to their efficiency and ductility. The system relies on carefully detailed and manufactured specialized brace members that provide high deformability in both tension and compression while maintaining their resistance. Design provisions require special analysis to permit proper proportioning to protect the rest of the system from unacceptable ductility demands.

This presentation addresses the expected behavior of buckling-restrained braced frames and the design requirements for this system. The presentation includes a sample design illustrating the application of these requirements to a simple, four-story building.

DATE: Tuesday, June 19, 2018

TIME: 12:30 p.m. – 4:30 p.m.
(Check in: NOON – 12:30 p.m.)

LOCATION:
City of Newport Beach
Civic Center Community Room
100 Civic Center Drive
Newport Beach, CA 92660

CEUs:
Participants will accrue 0.40 ICC Preferred Provider CEUs

RSVP:
Email names of attendees to Debi Schank at: dschank@newportbeachca.gov

Rafael Sabelli, S.E. - Rafael is a Principal and Director of Seismic Design at Walter P Moore. Rafael has earned a Special Achievement Award from AISC, as well as the T.R. Higgins Lectureship award. He is active in the development of seismic design standards for steel systems and is vice-chair of the AISC Seismic Provisions Committee, the ASCE 7 Seismic Task Committee, and the NIST Building Seismic Safety Council's Provisions Update Committee. Rafael is the chair of the AISC Seismic Design Manual committee and was the project manager for the five-volume SEAOC Seismic Design Manual.