LA DINNER MEETING
JANUARY 2017

Wednesday, January 11, 2017
Networking, Dinner & Presentation

Luminarias Restaurant
3500 Ramona Blvd, Monterey Park CA 91754

Register Here

PRESENTATION:
CAL POLY POMONA, STUDENT RECREATION CENTER, CALIFORNIA

Located on the campus of California State Polytechnic University in Pomona, California, the Student Recreation Center is the hub of student activity on the primarily commuter campus. The complex includes an aquatic center and a three-story, 95,000-square-foot recreation center that incorporates five fitness and multipurpose studios, three basketball/volleyball courts, a multi-activity court, a one-quarter-mile running track, a 51-foot rock climbing wall, two racquetball courts, administration offices, locker rooms and shower facilities. The dramatic three-story steel structure seems to defy gravity even more than the rock climbers inside, featuring several substantial cantilevered floor areas, the largest of which extends nearly 60 feet. The integrated LPA, Inc. design team was further challenged by the one-quarter-mile running track surrounding the perimeter of the cantilevered floor. Extensive floor vibration analyses were performed to ensure the safety and comfort of both the students exercising inside the recreation center and the synthetic pavement-pounding joggers enjoying the panoramic view of the campus and surrounding areas from the elevated running track.

The LPA integrated design team met the challenges of the site by marrying the performance of the steel framing to its function, providing future generations of Cal Poly students with place to work, play and socialize for years to come.

PRESENTER:

Daniel Wang, SE
Associate, Design Director of Structural Engineering
LPA, Inc.

With over 28 years of design experience, Daniel Wang utilizes his extensive industry experience and a design philosophy that integrates architecture, engineering and construction to create cohesive solutions to complex challenges. His experience includes both new construction and technically challenging seismic renovation projects. Daniel provides comprehensive technical design, delivering innovative structural solutions for a wide variety of project types including educational, institutional, commercial, industrial, and healthcare buildings.