

IEEE SoCal Nanotechnology Council Chapter Seminar

<https://ieee-region6.org/socal-nano/>

Date: April 18, 2019 **Time:** 6:30PM Networking and Pizza; 7PM-8PM Presentation

Location: California State Polytechnic University, Pomona, Building 9 Room 409

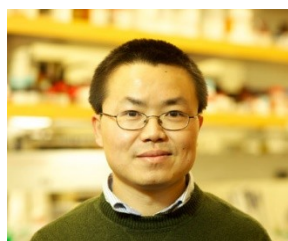
<https://www.cpp.edu/maps/driving-directions.shtml>

Topic: Smart Optical Materials by Nanoscale Assembly

Speaker: Dr. Yadong Yin,

Professor of Chemistry, University of California, Riverside

Abstract: Smart materials hold great promises for many intriguing applications as they exhibit chemical and physical responses to the applied external stimuli. This presentation will focus on nanostructured materials with responsive optical properties that can find applications in printing, sensing, signage, security documents, and displays. We will discuss our recent progress on the development of chemical and assembly approaches for the fabrication of various nanostructured materials whose optical properties can be dynamically tuned by controlling the spatial arrangement of the nanoscale building blocks. We show that many novel optical materials could be developed by manipulating the diffraction, refraction, birefringence, and electronic resonances through controlling the interaction between light and the nanostructures.



Bio: Prof. Yadong Yin received his B.S. (1996) and M.S. (1998) in Chemistry from the University of Science and Technology of China, and Ph.D. (2002) from the University of Washington, Seattle (with Prof. Younan Xia). In 2003 he became a postdoctoral fellow at the University of California, Berkeley under the supervision of Prof. A. Paul Alivisatos, and then a staff scientist at Lawrence Berkeley National Laboratory in 2005. He joined the faculty at the Department of Chemistry, University of California, Riverside as an Assistant Professor in 2006, and then he was promoted to Full Professor in 2014. His recent recognitions include Cottrell Scholar Award (2009), DuPont Young Professor Grant (2010), 3M Nontenured Faculty Grant (2010), NSF CAREER award (2010), and NML Researcher Award (2016). He is currently an associate editor of the Journal of Materials Chemistry C, and also serves on the editorial board for NPG Asia Materials, Advanced Functional Materials, SCIENCE CHINA Materials, ChemNanoMat, Research, and Chem. Rev.

All Students & the Public Are Welcome. This event is FREE.

Please RSVP to ensure enough food is ordered at: <https://events.vtools.ieee.org/m/193785>

Co-Sponsored by the IEEE Foothill & OC Sections, IEEE @ CSUF & IEEE @ CPP

Join our chapter list at <https://listserv.ieee.org/cgi-bin/wa?A0=IEEESOCALNANO>

Parking & Directions:

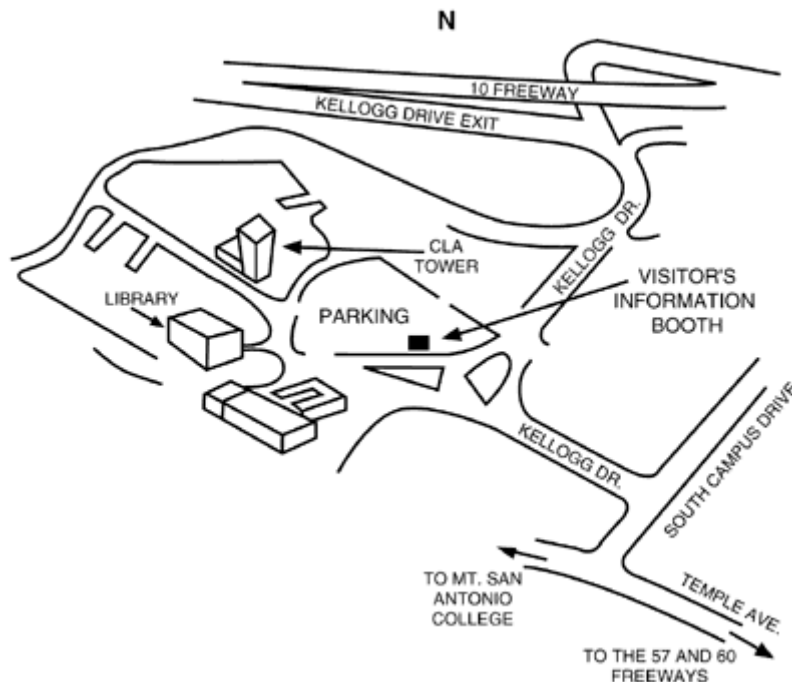
We reserved the parking passes at the campus parking booth near the parking structure near the campus police department 34.060584, -117.815547 use these coordinates in Bing or Google Maps to help you navigate to our campus. At the parking booth you can ask for directions to building 9 and where the pass is valid but the 4-story structure nearby is where they will normally have you park.

The following is a general link on how to get to Cal Poly Pomona

<https://www.cpp.edu/maps/driving-directions.shtml>

The map is in general good except that Visitors Information Booth is no longer located close to parking lot C, but is now located at F9.

Driving Direction to Cal Poly Pomona



By Car

From the 210 freeway (east or west)

Take the 210 freeway and follow the junction to the 57 freeway south. Exit on Temple Avenue and turn right (down the hill). Turn right on South Campus Drive, turn left on Kellogg Drive, and turn left into Palm Drive and you'll see the Visitor Parking Booth on the right.

From the 10 freeway (east or west)

Exit at Kellogg Drive. Stay in your left lane, you should be on the left side of the large electronic marquee that welcomes visitors. Follow Kellogg Drive and pass— University Drive, and turn right into Palm Drive, you will see the Visitor Parking Booth on the right side.

From the 60 freeway traveling east

Follow the junction onto the 57 freeway north. Exit at Temple Avenue and turn left (down the hill). Turn right on South Campus Drive (you should see a large electronic marquee that welcomes visitors), left on Kellogg Drive, and turn left into Palm Drive and you'll see the Visitor Parking Booth on the right..

From the 60 freeway traveling west

Exit at Diamond Bar Boulevard and turn right. Turn left on Temple Avenue, right on South Campus Drive (you should see a large electronic marquee that welcomes visitors), left on Kellogg Drive, and turn left into Palm Drive and you'll see the Visitor Parking Booth on the right.

Cal Poly Maps:

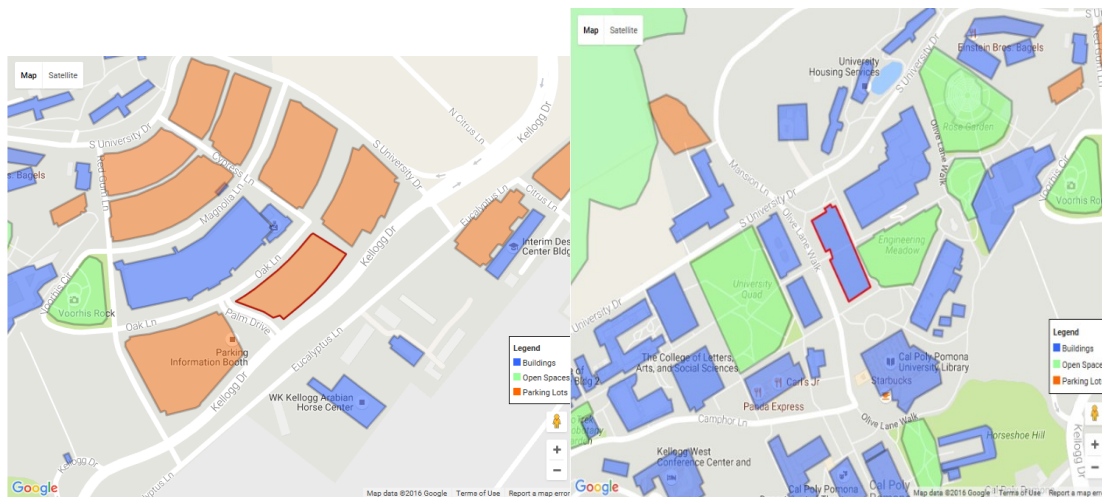


Figure 1

Figure 2.

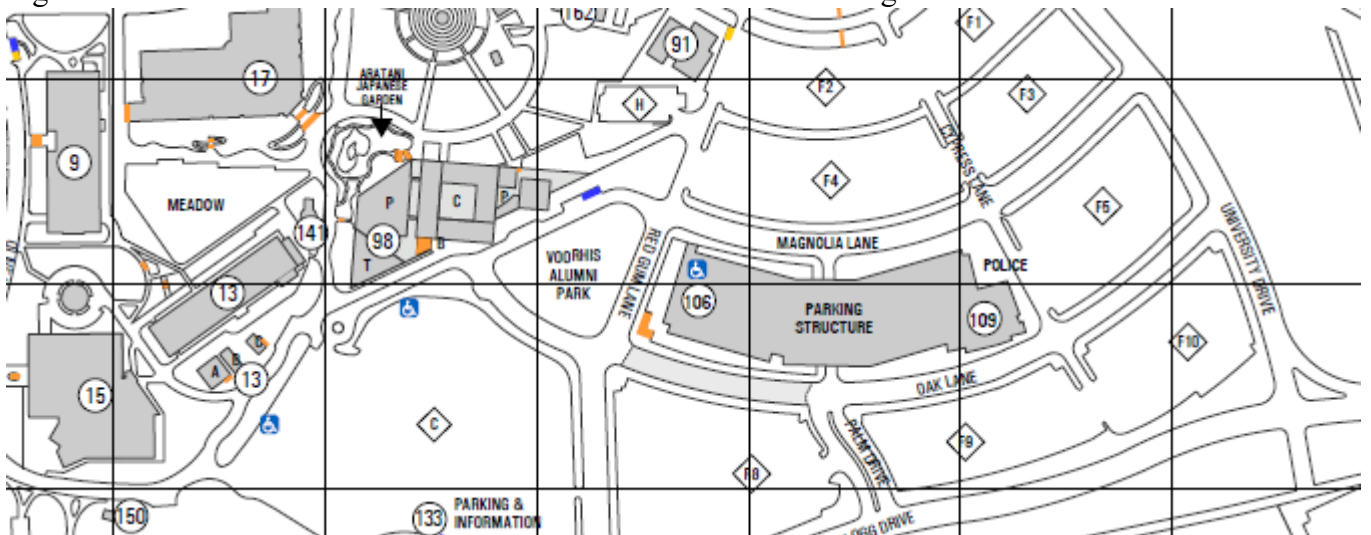


Figure 3

- Figure 1. F9 Student and Visitor Parking (the one with red heavy border)
- Figure 2. Building 9 (engineering building): the one with heavy border

- Figure 3. Part of Cal Poly central campus map showing building 9 on the upper left corner and parking F9 on the lower right corner.