

## OSSC Combined In-Person and Online Event "Seeing the world in four dimensions"

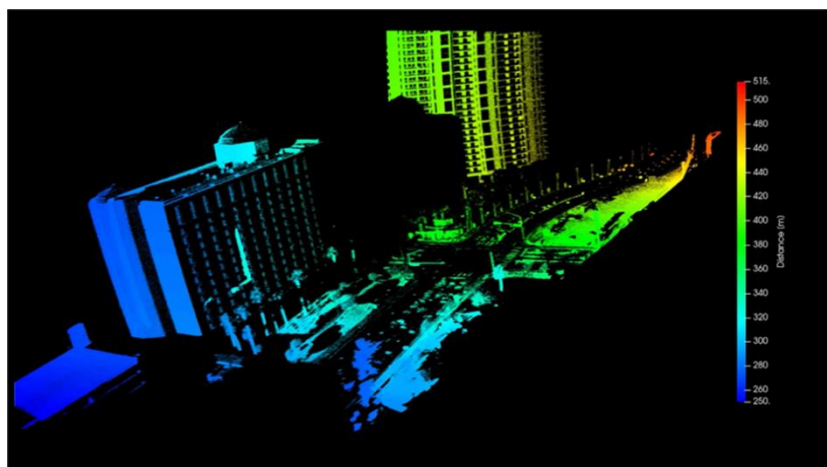
**Dr. Mehdi Asghari, CEO and Co-Founder of SiLC**

### About Our Speaker:

Dr. Mehdi Asghari is a serial entrepreneur with a track record of success. He is currently CEO and co-founder of SiLC, his third Silicon Photonics start up focusing on advanced imaging solutions. His previous startups, Kotura and Bookham, both enabled successful exits.

Dr. Asghari is one of the early pioneers of silicon photonics industry with over 25 years of commercialization experience in this space. Prior to that he spent 10 years in the III/V industry.

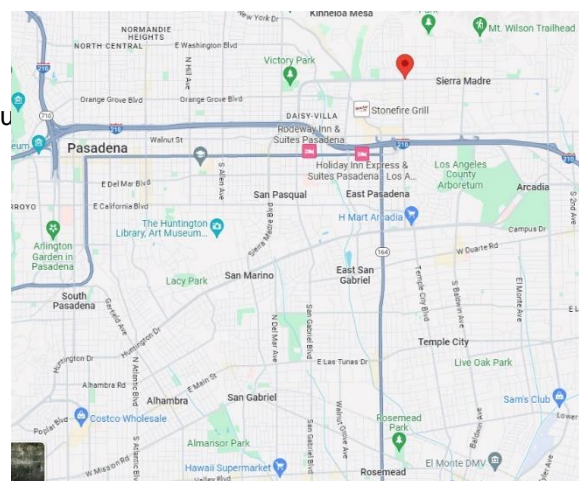
Dr. Asghari holds an Electrical Engineering degree from Cambridge University, a Masters degree in Optoelectronics from Heriot-Watt University and a Ph.D. in III/V Integrated Photonics from the University of Bath, all in the UK. He has authored and co-authored over 150 journal and conferenced publications and holds more than 50 active patents within the fields of silicon photonics and optoelectronics.



### Abstract:

Frequency Modulated Continuous Wave (FMCW) technology enables a new generation of imaging solutions that can directly capture images of motion and depth in addition to the usual 2D images to create 4 dimensional pictures and movies. Integration of this technology in a compact silicon chip and its co-packaging with a conventional CMOS image sensor can enable a generation of cameras that work like the human eye. This can fuel the next industrial age by bringing AI and Robotics technologies together to enable the deployment of autonomous machines in unpredictable and unstructured environments to allow robots to participation in our society

and economic growth.



### OSSC Combined In-person and Online Event Jan. 17, 2024

#### REGISTRATION REQUIRED

Reception: 6:00pm Dinner: 7:00pm

OSSC Business: 7:30pm Presentation: 8:00pm

Members: \$35 Non-Members: \$40

OSSC Members – Students: \$10

Late Fee of \$10, after 5:00pm Jan. 12

Online Registration by Tue. Jan. 16, 2024

[Register Here](#) In-Person or Online

Venue: [Sierra Madre United Methodist Church](#)  
695 W Sierra Madre Blvd, Sierra Madre, CA 91024

**Please post this notice and invite your friends & colleagues to attend!**