

## Winning, building and testing the Geostationary Lightning Mapper (GLM) Lens Assemblies

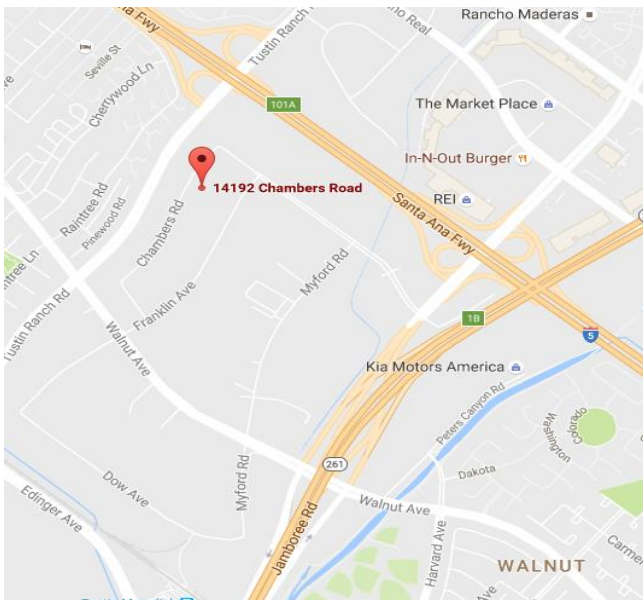
Kent Weed, Director of Engineering, II-VI Optical Systems



II-VI Optical Systems designed and built the lens assemblies that are part of the GOES-R Series Geostationary Lightning Mapper (GLM) instruments. These are optical transient detector and imagers that can detect and map total lightning activity over the Americas and adjacent ocean regions. GLM will provide early predictions of intensifying storms and severe weather events. During this talk, we will walk through how II-VI was able to show value and secure the contract. We will also present details on some of the more difficult fabrication and test challenges leading up to the successful delivery of 7 GLM lens assemblies. Following the presentation, everyone will be invited

on group tours of our Tustin facility including several “poster sessions” around the building highlighting specific capabilities and accomplishments.

**About our speaker:** Kent has over 25 years of experience in complex optical assemblies including engineering design, management, IR&D, operations, and quality assurance. He is responsible for the direction, management and strategic growth of the company’s developmental optical assembly programs for all aspects of design, initial fabrication, alignment and testing. Kent has managed II-VI Optical Systems’ engineering growth for the past 15 years including oversight on hundreds of complex optical assemblies for diverse military, commercial and space based programs. He holds a Bachelor’s of Science degree in Mechanical Engineering and an MBA degree.



**Reception: 6:00; Dinner / Talk: 7:00**  
**Meal: Buffet Style Dinner – Cost: \$35 for registration by November 6, \$40 after (OSSC student members \$10 by Nov. 6, \$20 after)**

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**Max Capacity: 75**  
On-line Registration: [www.osscc.org](http://www.osscc.org) or  
Contact: Nick Croglia, **OSSC** Arrangements Chair,  
[Events@osscc.org](mailto:Events@osscc.org), (818) 331 – 4541

RSVP by Nov 7, 2016  
US Citizen or Resident Alien Only  
Bring Proof of Citizenship or Green Card  
**Attendance Limited to 75**

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