



# Central Valley Chapter

- Date:** Thursday, September 20, 2018
- Time:** 5:30 pm - 7:30 pm
- Location:** Doctors Medical Center Conference Center  
1445 McHenry Avenue  
Modesto, CA
- Meeting Room:** Sequoia Room
- Parking:** Park in main lot. The entrance to the building is in the front.
- Speaker:** **Leland Thierry**  
*Branch Manager, Camfil*
- Topic:** **Reducing HVAC Operational Costs by Optimizing Air Filter Selection and Change-Out Points**  
This presentation explores using energy-efficient, long-long life air filters to reduce a building's operational expenses. Reduced energy costs and labor costs are detailed in this engineering / financial discussion. The presentation reviews the fundamentals of HVAC filtration systems. Next, a thorough review of fan energy (Brake Horsepower) is discussed. The use of ASHRAE Guideline 26 air filter loading curves is discussed and are used to model air filter energy consumption, through the life of the air filter. This allows an end-user (hospital, office building, etc.) to make informed decisions on air filtration systems from a Total Cost of Ownership (TCO) standpoint. TCO includes filter costs, energy costs, and labor costs (installation labor & disposal labor). Savings typically are in the range of 8-12 cents per square foot, each year, for the average building with a multi-stage filtration system.
- Sponsor:** Camfil
- CEU:** Participating CSHE members may request a certificate for 1 contact hour. Requests for certificates must be made at the time of your RSVP.
- RSVP:** Beth Demeter at [demeterb@calhospital.org](mailto:demeterb@calhospital.org), or online at <https://gmod-connect.aptean.com/f/fid.php?id=c64f1be799e5b40a7baa0f1f795c9af9>
- Questions:** If you have any questions or concerns, please contact Joyce Jones at the CSHE State Office: [jjones@calhospital.org](mailto:jjones@calhospital.org).