



### Insulectro

20362 Windrow drive, Lake Forest, CA 92630

Phone: 949.587.3200

### FROM North

Take 5 or 405 South to Exit 1A - LAKE FOREST DRIVE

Take the LAKE FOREST DRIVE ramp

Make a LEFT on LAKE FOREST DRIVE

Travel 4.7 miles and make RIGTH on VISTA TERRACE

Make the first LEFT onto WINDROW DRIVE

Insulectro is on the right, go upstairs in CAC Building

### FROM South -

Take 5 North to LAKE FOREST DRIVE exit

Make a RIGHT on LAKE FOREST DRIVE

Travel 4.7 miles and make RIGTH on VISTA TERRACE

Make the first LEFT onto WINDROW DRIVE

Insulectro is on the right , go upstairs in CAC Building

**LUNCH PROVIDED 11:30AM**  
**SEMINAR 12PM TO 5PM**

*Refreshments & Site Tour (optional) to follow*

**RSVP to:** Chris Hunrath - "chunrath@insulectro.com"  
(510) 502-9278

### QUESTIONS?

Please email any questions to:  
chunrath@insulectro.com

## WEST COAST MEETING

## SOUTHERN CALIFORNIA LOCATION

### AGENDA

#### Flex Materials Overview – Tom Lantzer, DuPont

- Review Current materials
- Expanded options on copper and dielectrics
- Embedded Passives

#### PrePregs for Rigid Flex— Norm Berry, Insulectro

- Lead Free options
- Storage, process and assembly considerations

#### Drilling— Paul St. John, LCOA

- Best Practices for Flex
- Registration, true position

#### Lamination Assist— Peter Decaneas, Pacothane

- Press Pads, heat lagging
- Hydraulic and conformal drivers

#### Imaging Process Update— Bill Wilson, DuPont

- LDI technology trends
- Fine line imaging and processing

#### Chemistry Considerations— Chris Hunrath, Insulectro

- Alternative Oxides and Adhesive
- Desmear and PTH
- Surface Finishes
- Use of printed conductive materials

#### Design for Manufacture— Dale Smith/Tom Lantzer

- Guidelines and manufacturing capability
- Coverlay lamination techniques
- New Products and applications
- Assembly considerations

#### Round Table Discussion