



CALIFORNIA  
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FOUNDATION

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This workshop is held in partnership with:



**AIA East Bay**  
A Chapter of  
The American Institute of Architects

### **Wood, Plaster, Steel and Stone: A Materials Primer**

- Moderator:* **Diana Hayton**, AIA, LEED AP BD+C, Principal, ELS Architecture and Urban Design
- Speakers:* **Carolyn Searls**, Senior Principal, Simpson Gumpertz & Heger; **Taryn Williams**, Senior Project Manager, Simpson Gumpertz & Heger; **Mark Christiansen**, Chief Executive Officer, Wooden Window; **Oleg Lobykin**, Sculptor, StoneSculpt; **David Roccasalva**, Marketing Director, Evergreen Architectural Arts, EverGreene; **Gustavo Romo**, Evergreene Architectural Arts; other speakers to be announced!
- Location:* **Wednesday, February 9, 2017**  
AIA - East Bay Chapter, Oakland, CA
- Workshop Summary:* Dig into conservation methodology, manufacturing, and material history at this hands-on, all-day workshop. You will better understand techniques and challenges faced by crafts-persons, architects and conservators. Learn how to identify wood, sensitively repair plaster, evaluate and identify problem spots, and repair historic stone. Topics may include restoration of historic windows, wood repair, and finishes and interior plaster. You will focus on building materials common in the Bay Area. Understand these materials to ensure stewardship and long-term maintenance and protection of these resources.
- Learning Objectives:*
1. Understand durability, terminology and issues for wood, stone, terra cotta, and steel.
  2. Recognize signs of deterioration and their causes using investigation and materials assessment techniques.
  3. Common repair techniques for Wood, Terra Cotta, Plaster, and Stone materials
  4. Examine the pros and cons of various substitute materials, including performance, reversibility, and relationship with the SOI Standards

**Schedule:**

**8:30 – 9:00**

**Registration**

**9:00 – 9:05**

**Welcome & Introductions**

**9:05 – 9:50**

**Wood**

*Mark Christiansen*

- Conditions assessment
- Wood and the SOI Standards
- Common issues with deterioration and repair
- Case examples and projects

**9:50 – 10:10**

**Hands-on Wood Demonstration**

*Someone from  
Wooden Window?*

- Tools and techniques for evaluation and treatment

**10:10 – 10:30**

**Question & Answers / Break**

**10:30 – 11:15**

**Plaster**

*David Roccosalva*

- Conditions assessment
- Plaster and the SOI Standards
- Case examples and projects

**11:15 – 11:35**

**Hands-on Plaster Demonstration**

*David Roccosalva  
& Gustavo Romo*

- Tools and techniques for evaluation and treatment

**11:35 - 11:45**

**Question & Answers**

**11:45 – 1:00**

**Lunch**

**1:15 – 2:00**

**Terra Cotta**

*Carolyn Searls*

- Conditions assessment
- Considerations with the SOI Standards
- Case examples and projects

**2:00 - 2:15**

**Question & Answers / Break**

**2:15 – 3:00**

**Steel Frame Windows**

*Taryn Williams*

- Conditions assessment
- Common issues with deterioration and repair
- Case examples and projects

**3:00 - 3:15**

**Question & Answers / Break**

**3:15 – 4:00**

**Stone**

*Oleg Lobykin*

- Treatment from a craftsman's perspective
- Types of stone
- Hands-on Demonstration (?)