

*The Science of Painting*  
Bay Area Science Festival  
A Wonder Dialogue

Gerald Cantor Center for Visual Arts  
Office of Science Outreach  
Stanford University  
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# The Cast



- Curtis Frank
  - W.M. Keck, Sr. Professor of Chemical Engineering
  - Chemistry Dept
  - Materials Science and Engineering Dept
  - Director of the Center for Polymer Interfaces and Macromolecular Assemblies



- Michael Marmor
  - Professor of Ophthalmology
  - Eye Institute at Stanford
  - Stanford Hospital and Clinics
  - Lucile Packard Children's Hospital



- Piero Scaruffi
  - A History of Silicon Valley (2011)
  - The Nature of Consciousness (2006)
  - A History of Rock and Dance Music (2008)
  - Synthesis: Poems and Meditations (2009)

# The Debate

- A painting is a material object. It is made of materials using some technologies.
- A painting is created by the painter based on what the painter sees.
- The science of materials and the science of vision help explain what a painting is.