

MEDIA RELEASE  
October 28, 2016  
805-801-2587  
ccstem.org



## SCIENCE AFTER DARK LECTURE SERIES

### What Does Virtual, Augmented & Mixed Reality (VAMR) Mean in the Context of Your Everyday Life?

San Luis Obispo, CA – (immediate release) The Central Coast STEM Collaborative (CCSTEM), will continue its ongoing informal, educational lecture series “Science After Dark” with a lecture at 6:30pm, November 15, 2016 at Luis Wine Bar in San Luis Obispo. The series is scheduled for the third Tuesday of every month through May, 2017. Visit [www.facebook.com/ScienceAfterDarkSLO](http://www.facebook.com/ScienceAfterDarkSLO) or [www.ccstem.org](http://www.ccstem.org) for details of future topics and locations.

Michael Balzer comes to Science After Dark to share not only what these terms mean, but also the potential of VAMR in any number of disciplines like Medicine & Health, Architecture, Education and even Recreation. *Mixed Reality* provides engineers and technicians the ability to see intangible 3D objects as they would be installed in a real world product. *Augmented Reality* allows us to view important information while still concentrating on the main task at hand like driving, or even collecting cute little characters from places around the world.

Audience members will be invited to experience VMAR first hand with current technology and get a sneak peek at the future of *Virtual Reality*. Sit in a Van Gough painting and feel the warmth of the sun’s rays and the breeze blowing while listening to chirping birds. Say hi to “Skinny Pete,” an intangible model of a skeleton that you can walk around while it is locked into place in the real world. Then take it to the next level and experience the ultimate immersion of actually walking around an operating room and talking to the surgical staff with the first available mobile positional tracking system.

Michael Balzer is an engineer, developer, designer and inventor of a number of technology products. He began in the 90’s with products like ‘Perfect Sound’, ‘Perfect Vision’, and ‘Chroma Key’ to more recent products like ‘4eyes’, ‘NEODiMOUNT’ iPhones cases & accessories, and ‘NEODiVR uPLAy’ - the first fully immersive VR viewer you can put in your shirt pocket. Balzer has also developed VR content with “Graveyard Politics” for Google Cardboard & Daydream, available in both Google Play and Apple’s iTunes Store, as well as apps that allow you to walk around an operating room with the help of the Occipital Structure Sensor - the first fully mobile positional tracking system you can buy right now, and the only one available for iOS.

His ability to engineer the viewer as well as develop the content, along with covering 3D technology via his podcast/YouTube channel ‘All Things 3D’, gives Mike a unique perspective on explaining the “tech” and why we are finally ready to plug into the Metaverse.

Where: Luis Wine Bar, 1021 Higuera Street, SLO (must be over age 21)  
Date: Tuesday, November 15, 2016  
Time: Discussion starts at 6:30pm, come early to get settled and order your beverage. Light appetizers available for purchase, or you may bring your own food. All beverages must be purchased at Luis Wine Bar. Selections include wine, beer, organic sodas, coffee, and tea.  
Cost: \$5.00 suggested donation