



*CPIA Presents*  
**The Rise of Quantum: The Future of Information  
Science, Sensing, and Metrology**



**Wednesday, May 23, 2018**

**3:00 to 4:15 PM**

*and*

**Tour of Particle Measuring Systems, 4:15 to 5:15 PM**

**Happy Hour at Rayback Collective in Boulder, 5:30 to 7:30 PM**

**REGISTRATION**

**Registration Deadline** On line registration is open until 5:00 pm on Tuesday, May 22.

**CPIA Members  
FREE**

**Non-members \$25**

**To register go to  
[www.coloradophotonics.org/events/](http://www.coloradophotonics.org/events/)**

**Meeting Location**

**Particle Measuring  
Systems  
5475 Airport Blvd.  
Boulder, CO 80301**

The Rise of Quantum: The Future of Information Science, Sensing, and Metrology

Quantum technologies exploit the fundamental properties of matter to manage and transmit information, and to measure physical phenomena in ways that greatly exceed existing capabilities. The past few years have seen a dramatic increase of global interest in quantum, as there is immediate potential impact in the fields of timekeeping, inertial sensing, EM field sensing, and information science. In this talk we will present an overview of future quantum applications, with particular emphasis on how the existing and emerging resources in atomic and optical physics can serve those markets.

Guest Presenter: Evan Salim, Lead Scientist, ColdQuanta, Inc.

