



As of 3/13/18 and subject to change

All events at Institute for Creative Technology, unless otherwise noted.

Subject to change

Wednesday, March 14, 2018	
11:00 AM – 4:00 PM	Workshop Check-In and Registration
11:30 AM – 12:00 PM	Lunch – Pick Up Airport Lounge Sponsored by the University of Southern California Office of Research
12:00 – 12:30 PM	GENERAL MEETING BEGINS WORKING LUNCH: Welcome Events Room <i>Randy Hall, USC</i> <i>Barry Johnson, NSF</i> The session will provide an overview of the workshop’s goals and NSF’s motivation for supporting this event.
12:30 – 12:45 PM	Survey Results Events Room <i>Tony Boccanfuso, UIDP</i> Prior to the event, a survey was distributed to industry representatives and relevant insights will be shared with the workshop attendees.
12:45 – 1:30 PM	Quantum Technologies – Review of the Current R&D Landscape Events Room <i>Daniel Calto, Elsevier</i> Elsevier will provide findings from their review of the nation’s current quantum technology capabilities and benchmark against global activities.
1:30 – 1:45 PM	BREAK Sponsored by UCI
1:45 – 2:30 PM	Current Industry-University Collaborations - Quantum Technologies Events Room <i>Moderator: Pramod Khargonekar, UC Irvine</i> <i>Daniel Lidar, USC</i> <i>David Bell, USRA Research Institute for Advanced Computer Science</i> There are a number of contemporary academic-corporate partnerships seeking to leverage each other's strengths and assets in order to advance their quantum technologies missions and goals. This session will highlight several of these current partnerships.

Wednesday, March 14, 2018

<p>2:30 – 3:30 PM</p>	<p>Industry Round Table - Evaluating the Current Quantum Technology Research and Commercialization Landscape Events Room <i>Moderator: Dan Reed, Iowa</i> <i>Eric Ostby, Google</i> <i>Tommy Gardner, HP</i> <i>Hemant Shukla, Siemens</i> <i>Larry Grace, Amgen</i></p> <p>Many companies are exploring strategies for developing a business case for making investments in quantum technologies. This session will feature company representatives who are actively evaluating how they can exploit the current quantum technology landscape to create viable business lines.</p>
<p>3:30 – 3:45 PM</p>	<p>BREAK Sponsored by Corning</p>
<p>3:45 – 4:45 PM</p>	<p>Facilitated Breakout Sessions by Application Areas</p> <p>These breakout sessions will allow attendees to consider how academic-corporate collaborations can advance technology development within “quantum leap” thrust areas.</p> <p>Communications Theater <i>Scott Carney, University of Rochester</i></p> <p>Computing Kilimanjaro Room <i>Tuhin Sahai, United Technologies Research Center</i> <i>Kresimir Mihic, Oracle</i></p> <p>Materials Classroom (across the Terrace) <i>Tyrel McQueen, Johns Hopkins University</i> <i>Joan Redwing, Penn State</i> <i>Yong Chen, Purdue</i></p> <p>Sensing Events Room <i>Zheshen Zhang, University of Arizona</i></p> <p>Simulation Rainier Room <i>Alan Ho, Google</i> <i>David Ott, VM Ware</i></p>



4:45 – 5:15 PM	Report Outs Events Room <i>Facilitator: Gretchen Baier, Dow</i>
5:15 – 5:50 PM	Current Approaches to Federal Support for Industry-University Engagement Events Room <i>Facilitator: Ellen Kosik Williams, Corning</i> <i>Prakash Balan, NSF</i> <i>Augustine Urbas, Air Force Research Lab</i> <i>Thyaga Nandagopal, NSF</i> <i>Davide Venturelli, USRA</i> This session will consider some of the current quantum technology efforts at the federal level and funding mechanisms available for future investments.
5:50 – 6:00 PM	Day 1 Recap Events Room <i>Don McConnell, GA Tech</i> During this session, workshop participants will be asked to identify key issues and findings that can be used to drive Day 2 discussions and advance the workshop goals.
6:30 – 8:00 PM	RECEPTION Sponsored by Elsevier GULP Playa Vista <i>(1.5 miles from ICT)</i>

Thursday, March 15, 2018

7:30 – 8:00 AM	CONTINENTAL BREAKFAST Airport Lounge
8:00 – 8:15 AM	Charge for Day 2 Events Room <i>Tony Boccanfuso, UIDP</i>



Thursday, March 15, 2018

8:15 – 9:30 AM	<p>Academic Leadership Panel Events Room <i>Facilitator: Mark Schmidt, John Deere</i> <i>Scott Carney, University of Rochester</i> <i>Zheshen Zhang, University of Arizona</i> <i>Joan Redwing, Penn State</i> <i>Yong Chen, Purdue</i></p> <p>This panel will explore academia's interest in quantum technologies and how academic leaders are pursuing collaborations in this area.</p>
9:30 – 10:00 AM	<p>Role of Small Businesses in Advancing Quantum Technology Commercialization Events Room <i>Tony Boccanfuso, UIDP</i> <i>Randall Correll, QCWare</i></p> <p>University start-ups and small businesses are a critical component to the quantum technology innovation ecosystem. This session will explore how these small firms can play a role in future efforts between large universities and companies.</p>
10:00 – 10:15 AM	<p>BREAK</p>
10:15 – 11:15 AM	<p>Facilitated Discussion - Promising Areas for Collaboration and Setting Priorities Among the Technology Thrusts Events Room <i>Suzanne DeMers, University of Rochester</i> <i>Liz Kennell, UIDP</i></p> <p>Attendees will share their interests in making investments in specific research and commercialization areas.</p>
11:15 AM – 12:15 PM	<p>Recommendations for Next Steps <i>Tony Boccanfuso, UIDP</i></p> <p>The workshop's primary goal is to identify prime areas for co-creation among companies, government and universities. This session will utilize the learnings gathered from this event to accomplish this goal.</p>
12:15 - 12:30 PM	<p>Conclusion</p>