



IEEE International Conference on Rebooting Computing

Overview for Fellow 2019 IEEE RC Week Event Attendees

Technical Program Co-Chairs: James Ang, PNNL and Paolo Farabischi, HPE

IEEE ICRC Overall Agenda: November 6

Schedule	Title	Session Chair
Wed AM	Intro and Keynote Talk	Paolo Faraboschi
Wed AM: Session 1	Machine Learning Systems	Banu Nagasundaram
Wed PM: Session 2	Technology for Machine Learning	Robert Patti
Wed PM: Panel	Machine Learning in the Valley	Paolo Faraboschi
Wed 6-8 PM	Banquet Dinner	–
Wed 8-9:30 PM	Wild and Crazy Ideas	Dejan Milojevic

IEEE ICRC Overall Agenda: November 7-8

Schedule	Title	Session Chair
Thurs AM	Intro and Keynote Talk	James Ang
Thurs AM: Session 3	Quantum Computing	Greg Byrd
Thurs PM: Session 4	Future Computing Challenges	John Daly
Thurs PM: Session 5	Novel Computing Approaches	John Paul Strachan
Fri AM: Session 6	Photonics	Thomas Van Vaerenbergh
Fri AM: Panel	SRC Decadal Plan	James Ang

ICRC Keynote Speakers

▶ **Cliff Young, Google**

- **Neural networks have rebooted computer architecture; what should we reboot next?**

Wednesday, Nov 6, 9:00-10:00AM



▶ **Krysta Svore, Microsoft**

- **Developing our Quantum Future**

Thursday, Nov. 7, 9:00-10:00AM



ICRC Events Wednesday Evening, Nov. 6

- ▶ **Banquet Dinner** 6:00-8:00PM
- ▶ **Wild and Crazy Ideas** 8:00-9:30PM
Moderator: Dejan Milojcic

Invited Panel Sessions

▶ **Machine Learning in the Valley**

Wednesday, Nov. 6, 3:30-5:00PM

- Rob Schreiber, Cerebras
- Paul Master, Cornami
- Azalia Mirhoseini, Google
- Katie Lewis, Lawrence Livermore National Laboratory
- Jennifer Glore, SambaNova

▶ **SRC Decadal Plan for Semiconductors**

Friday, Nov. 8, 10:30AM - 12:30PM

- Victor Zhirnov, SRC
- Matt Marinella, Sandia National Laboratories
- Titash Rakshit, Samsung
- Rafic Makki, Mubadala