Silicon Happy Valley Schedule
October 3, 2017
Nittany Lion Inn, Assembly Room

8:00 a.m.  Registration

8:30 a.m.  Introduction and Logistics
Chet McQuaide (BS EE ’65) and Eric Foreman (BS EE ’99)

8:45 a.m.  Welcome Session
Thomas La Porta, Evan Pugh and William E Leonhard Chair Professor and Director, School of Electrical Engineering and Computer Science

9:00 a.m.  KEYNOTE: Dimensions of Disruptive Innovation: Technological, Human and Organizational
Barry Shoop, PhD, PE (BS EET ’80)

10:00 a.m.  Morning Break

Session Chair: Jodi Miller (BS CMPSC ’88)

10:30 a.m.  5G is Not Just Another G
Arnab Roy, PhD (MS EE ’04; PhD EE ’11)

11:00 a.m.  What is Intelligence?
Carl Cotner, PhD (BS Math ’85)

11:30 a.m.  Watson, Artificial Intelligence (AI) and The EdTech Network
Daren Coudriet (BS Eng ’87, MS Eng ’92, MBA ’91)

12:00 p.m.  Lunch

1:00 p.m.  PANEL DISCUSSION: Early Career Award – Reflections on the Past and Future
Moderator: Will Tracz, PhD (MS CMPSC ’74)

Participants:
Abhradeep Thakurta, PhD (PhD CSE ’13)
Assistant Professor, Computer Science, UC Santa Cruz

Daniel Rothrock (BS EE ’11)
Electrical Engineer, Bechtel Nuclear, Safety, and Environment

Michael Gildein II (BS CMPSC ’09)
Software Engineer, IBM Corporation
Session Chair: Nick Coval (BS CMPSC ’01)

2:00 p.m. Invited Presentation: Mobile App Creation and Development - What’s Poppin
Joseph Kitonga (Junior, CMPEN)

2:30 p.m. How the Cloud Redefined the WAN
Nick Coval (BS CMPSC ’01)

3:00 p.m. Afternoon Break

Session Chair: Eric A Foreman, PhD (BS EE ’99)

3:30 p.m. A Disruptive Solution to the High Performance Computer Problem
William C. Cave, PhD (BS EE ’60)

4:00 p.m. The Future of Implantable and Wearable Technology to Diagnose Heart Arrhythmias
Mr. Byron Schneider (BS EE ’93, MS BioEng ’95)

4:30 p.m. PANEL DISCUSSION: Student Panel – First Encounters
Moderator: Chet McQuaide (BS EE ’65)
Participants:
Mark Baron (EE ’19)
Nichole Doherty (CMPSC ’18)
Eric Galante (CMPNG ’18)
Clark Handel (EE ’18)
Jin Lin (CMPSC ’18)
Sparsh Saxena (CMPNG ’18)

5:30 p.m. Student/Speaker/Sponsors Reception Q&A (refreshments)

Further information about the conference is available at: www.siliconhappyvalley.org