

## **Sunday, October 21**

13:00–19:00: Check in at Crowne Plaza Hotel

19:00–21:00: Welcome Reception—Workshop Overview (Champion/Crofford)

## **Monday, October 22—Summit II Ballroom**

8:00: Opening Breakfast—Ztec Presentation

8:30: Introduction—(Champion)

8:40: Lab Talk—BNL (Smith)

9:10: Lab Talk—CERN (Hofle)

9:40: ICALEPCS and SRF Workshop Summaries (Kasemir/Champion)

10:00: Break

10:30: Lab Talk—DESY (Simrock)

11:00: Lab Talk—FNAL (Chase)

11:30: Lab Talk—JLAB (Hovater)

12:00–13:00: Lunch

13:00: Lab Talk—KEK (Michizono)

13:30: Lab Talk—LANL (Prokop)

14:00: Lab Talk—ORNL (Ma)

14:30: A Fully Integrated Controller for RF Conditioning of the LHC Superconducting Cavities (Molendijk)

14:50: Break

15:20: Lab Talk—SLAC (Akre)

15:50: Lab Talk—TRIUMF (Fong)

16:20: Performance of J-PARC Linac RF System (Kobayashi)

16:40: Digital LLRF for ALBA Storage Ring (Salom/Perez)

17:00: Timing and LLRF for the Argonne Short X-Ray Pulse Beamline (Lenkszus)

## **Tuesday, October 23—Summit II Ballroom**

8:00: Breakfast—Agilent Technologies presentation

8:30: Development of a Digital Self-Excited Loop For Field Control in Superconducting Cavities (Musson)

8:50: Controlling Nonlinear Hardware in the FERMI @ Elettra LLRF System (Rohlev)

9:10: Lessons Learned from PEP-II LLRF and Longitudinal Feedback (Fox)

9:30: The LLRF System Design for the European XFEL (Jezynski)

10:00: Break

10:30: LLRF Status and Commissioning Results for LHC (Baudrenghien)

11:00: Overview of LLRF Controls (with emphasis on beam dynamics and simulations) (Rivetta)

11:30: Survey of Receiver Hardware and Techniques (Ludwig)

12:00–13:00: Lunch

## **Tennessee Ballroom B and C**

13:00–15:00: Poster Session Manned

## **Summit II Ballroom**

14:30: Break

15:00: Working Group I: Michizono, Champion (Linacs with focus on ILC and XFEL)

17:00: Buses board at front of hotel for dinner cruise on the Watts Bar Belle

18:00: Watts Bar Belle cruise—RF Systems of the Past and Future (Hardek)

21:00: Board buses for return trip to hotel

22:00: Arrive back at front of hotel

## **Wednesday, October 24—Summit II Ballroom**

8:00: Breakfast—Tektronix presentation

8:30: Working Group II: Simrock, Hovater (Commissioning, Operations, Automation, Testability)

10:30: Break

11:00: Working Group III: Hofle, Teytelman (Rings with focus on LHC)

13:00–14:00: Lunch

14:00: Working Group IV: Chase, Doolittle (High reliability/high availability considering both hardware and software issues)

16:00: Break

16:30: Algorithm for Complete RF Vector Control in Efficient Fan-Out RF Power Distribution (Kang)

16:50: Enhancing Accelerator Reliability with LLRF Digital Technology (Lukovac)

17:10: LLRF Control Systems for J-PARC Synchrotrons (Tamura)

17:30: A Prototype RF Comb Filter Feedback for the Fermilab Main Injector (Berenc)

## **Thursday, October 25—Summit II Ballroom**

8:00: Breakfast—Instrument Technologies presentation

8:30: ESECON, 14-channel LLRF Controller (Cancelo)

8:50: Measurements of the 8-Channel Down-Converter Module for the New Muon Laboratory (Mavric)

9:10: Hunting for performance-limiting distortions in the LLRF feedback loops (Van Winkle)

9:40: Synchronism, Jitter and Communications in Accelerator Controls (Doolittle)

10:10: Break

10:40: Working Group Summaries

11:30: General Discussion

11:50: Closing Remarks (Champion)

12:00–13:00: Lunch

13:00: Board Buses at front of hotel for SNS Tour

16:00: Board Buses at SNS for return to hotel