Accelerator Advisory Committee Agenda

March 8-10, 2023

Hybrid meeting (all time below in Eastern Time)

**Wednesday, March 8**

08:30 – 09:00 *Executive Session*

09:00 – 09:30 Director Welcome/Lab Overview Henderson
09:30 – 10:10 Overview of Accelerator Activities Seryi

**CEBAF Operations**

10:10 – 10:15 CEBAF Operations – Introduction Pozdeyev

10:15 – 10:30 *Break*

10:30 – 11:15 CEBAF Operations Overview Michaud

11:15 – 12:00 CPP Energy Reach & SRF Production Reilly

12:00 – 13:00 *Lunch Break*

13:00 – 13:30 Plasma processing updates Powers

13:30 – 14:00 Update on SSA studies Hovater

**EIC**

14:00 – 14:30 EIC Design and Accelerator Physics Satogata
14:30 – 15:00 EIC Engineering, Cryo, magnets, etc. Michalski

15:00 – 15:15 *Break*

15:15 – 15:40 EIC SRF scope of work Daly

15:40 – 16:00 EIC Crab Cavities De Silva

16:00 – 16:20 ESR Single Cell Prototype Guo

16:20 – 16:40 EIC ERL Benson

16:40 – 17:00 EIC Cooling Nagaitsev

17:00 – 18:00 *Executive Session*

18:00 – 20:00 *Reception for the Committee and JLAB team*

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**Thursday, March 9**

08:00 – 09:00 *Executive Session (can be used for Homework Q&A)*

**Accelerator R&D**

09:00 – 09:30 FFA 22 GeV CEBAF Energy Upgrade Bogacz

09:30 – 10:00 SRF S&T & Strategy Rimmer

10:00 – 10:20 UITF results (Harmonics kicker, Booster comissioning, COMTRA) and look forward Bruker

10:20 – 10:40 *Break*

10:40 – 11:00 Magnetrons update Jordan

11:00 – 11:20 Conduction cooled single-cell SRF CM Ciovati

11:20 – 11:40 Multi-cell conduction-cooled SRF CM Vennekate

11:40 – 12:00 SRF Collaborations (Quantum, thin films, PERLE) Valente

12:00 – 13:00 *Lunch Break*

13:00 – 13:20 High power target for e+ LERF concept Ushakov

13:20 – 13:40 Positron collection scheme for Ce+BAF Habet

13:40 – 14:00 Fabrication of high polarization GaAs Stutzman

14:00 – 14:20 Reaching lower pressure in photoguns Mamun

14:20 – 14:40 JLAB/CEBAF AI/ML overview Tennant

14:40 – 15:00 ML CEBAF efforts Turner

15:00 – 15:20 *Break*

**Educational and Industrial Outreach**

 15:20 – 15:40 Education updates & VITA Krafft

 15:40 – 16:00 SBIR overview Spata

 16:00 – 17:00 *Executive Session and Report Writing*

Accelerator Advisory Committee Agenda

March 8-10, 2023

Hybrid meeting (all time below in Eastern Time)

**Friday, March 10**

08:30 – 10:00 *Executive Session*

10:00 – 10:30 *Q&A with JLab Staff*

10:30 – 12:00 *Executive Session*

12:00 – 13:00 *Lunch Break*

13:30 – 14:30 Closeout