

Session Program

26 June 2023

DMRadio-50L Mid Systems Review

Component Session

Stanford, PAB 232

Monday 26 June

09:00

Component Session: Cryogenics

Session | Location: Stanford, PAB 232 | Convener: Dr Maria Simanovskaia

09:00–09:20 Cryogenics Overview

Speaker
Dr Maria Simanovskaia

09:20–09:35 Cold Snout

Speaker
Aya Keller

09:35–09:45 Cryogenics Discussion

Speakers
Aya Keller, Maria Simanovskaia

09:45

09:45

Component Session: Magnet

Session | Location: Stanford, PAB 232 | Convener: Dr Chelsea Bartram

09:45–10:05 Magnet Overview

Speaker
Dr Chelsea Bartram

10:05–10:20 Tension Straps

Speaker
Jessica Fry

10:20–10:35 Magnet Cradle

Speakers
Alex Droster, Dr Johnny Echevers

10:35–10:45 Magnet Discussion

Speakers
Dr Chelsea Bartram, Dr Jonathan Ouellet

10:45

11:00

Component Session: Resonator

Session | Location: Stanford, PAB 232 | Convener: Prof. Saptarshi Chaudhuri

11:00–11:05 Resonator Overview

Speaker
Prof. Saptarshi Chaudhuri

11:05–11:25 Inductor Wiring and Resonator Testing

Speaker
Roman Kolevatov

12:00

11:25-11:45 Tunable Capacitor**Speakers**

Dr Alex Sebastian Leder, Andrei Dones, Dillon Goulart, Pablo Castaño

13:00

11:45-11:55 Tunable Transformer**Speaker**

Joe Singh

11:55-12:00 Resonator Discussion

13:35

Component Session: Sheath**Session** | **Location:** Stanford, PAB 232 | **Convener:** Kent Irwin**13:00-13:30 Sheath, Gasket, and Wings****Speakers**

Abdulla AlShirawi, Nicholas Rapidis

13:30-13:35 Sheath Discussion

13:35

Component Session: Calibration**Session** | **Location:** Stanford, PAB 232 | **Convener:** Dr Chiara Salemi**13:35-13:40 Calibration Overview****Speaker**

Dr Chiara Salemi

13:40-13:50 Sideband Injection**Speaker**

Jessica Fry

13:50-14:05 Resonator Testing**Speaker**

Joe Singh

14:05-14:10 Timeline and Risks**Speaker**

Chiara Salemi

14:20

14:10-14:20 Calibration Discussion

14:35

Component Session: DAQ**Session** | **Location:** Stanford, PAB 232 | **Conveners:** Chiara Salemi, Dr Chelsea Bartram**14:35-14:40 DAQ Overview****Speaker**

Dr Chelsea Bartram

14:40-14:55 DAQ Overview and Planning

15:00	Speaker Kaliroë Pappas
	14:55–15:00 DAQ Discussion