

Session Program

27-30 Jul 2026

MWA Project Meeting - 2026

EoR

Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room
125
Providence, Rhode Island

Tuesday 28 July

14:20

EoR: A long term study of Over the Horizon propagation in Western Australia

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Conveners:** Danny Jacobs, Sara Jones

14:40

14:40

EoR: External Verification of the FHD-eppsiilon Analysis Pipeline using a Simulated Flat Power Spectrum

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Convener:** Mitchell Burdorf

15:00

Wednesday 29 July

08:20

EoR: MWA vs. LOFAR: Analyzing LOFAR data using MWA software - online presentation

Session |**Location:** Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room 125 , Providence, Rhode Island |**Convener:** Nichole Barry

08:40

09:35

EoR: MWA vs. LOFAR: Analyzing MWA data using LOFAR software - online presentation

Session |**Location:** Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room 125 , Providence, Rhode Island |**Convener:** Satyapan Munshi

09:55

10:20

EoR: Inferring properties of the first galaxies and intergalactic medium using MWA observations - online presentation

Session |**Location:** Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room 125 , Providence, Rhode Island |**Convener:** Yuxiang Qin

10:40

10:40

EoR: A scaled-array common-uv testbed for foreground control in EoR delay-power measurements - online presentation

Session |**Location:** Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room 125 , Providence, Rhode Island |**Convener:** Zhenghao Zhu

11:00

11:00

EoR: Improved Modeling for Moving Sources of Radio Frequency Interference and Impact on Flagging Strategies

Session |**Location:** Engineering Research Center, Brown University, Main sessions: Room 190, Break-out sessions: Room 125 , Providence, Rhode Island |**Convener:** Jade Ducharme

11:20

11:20

EoR: Characterizing Instrumental Effects in MWA Phase III Data

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Convener:** Lauren Dressler

11:40

13:30

EoR: An Improved ML Method for RFI Identification in MWA EoR Data

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Convener:** Aidan LaBella

13:50

13:50

EoR: RFI Mitigation and Power Spectrum Analysis of Newly

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Convener:** Morgan Lee

14:10

14:10

EoR: Understanding the Model Dependence of Reionization Constraints Derived from 21 cm Observations

Session | **Location:** Engineering Research Center, Brown University, Room 190 | **Convener:** Jonathan Pober

14:30