



Contribution ID: 619

Type: **Talk in the parallel session**

Localising FRBs with CHIME/FRB Outriggers

Monday, 5 July 2021 19:14 (14 minutes)

The Canadian Hydrogen Intensity Mapping Experiment (CHIME) telescope has detected more than 1,000 fast radio bursts (FRBs) with its dedicated transient-search backend (CHIME/FRB). With the goal of localising 1,000 bursts to ~ 50 mas precision in less than two years, CHIME/FRB is now expanding to include a dedicated very long baseline interferometry (VLBI) array of transcontinental outrigger stations. In this talk, I will motivate the Outrigger project and its goals, discuss how we are overcoming the challenges of low-frequency VLBI, and give a project update and timeline.

Primary author: KACZMAREK, Jane (NRC)

Presenter: KACZMAREK, Jane (NRC)

Session Classification: What Can We Learn from a Growing Sample of Fast Radio Bursts?

Track Classification: Fast Transients: What can we learn from a growing sample of Fast Radio Bursts?