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## **Fast radio bursts with VLBI**

*Thursday, 8 July 2021 17:10 (20 minutes)*

Fast radio bursts (FRBs) are surprisingly abundant, highly energetic extragalactic signals, the nature of which still remains a mystery. The use of radio interferometers to identify the host galaxies of FRBs and characterise their local environments plays a key role in identifying the progenitor(s) of FRBs. The bursts themselves exhibit complex time-frequency structure and polarimetric properties, which we can study using baseband data to help us understand the emission physics, and the role of propagation effects. In this talk, I will give an overview of the role high resolution instruments have played (and will play in the future) in our understanding of FRBs.

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**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?