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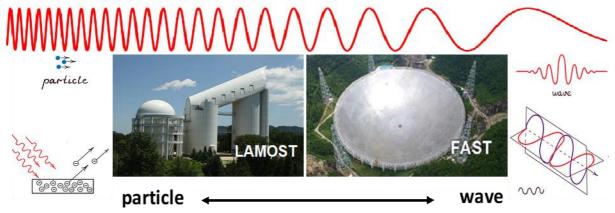
## **Focal Plane Detection Application for Astronomy**

Dr. Ran Duan (NAOC)



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## **Abstract**



Radiation from the deep universe expand across different wave bands. The difference and integration of radio and optical astronomical instrument development is firstly reflected in the use of the wave and particle properties of "light". This report intends to introduce the application examples of focal plane detection and backend technology in radio phased array feed (PAF) system and optical infrared camera.