

Solid-State Local Oscillator Sources for Millimeter and Submillimeter Waves in Europa

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This paper gives an overview of the European activities in developing solid-state local oscillator sources for high millimeter and submillimeter frequencies. Radio astronomy with ground based telescopes has conventionally been the driving force in this area. Projects funded by the European Space Agency and national space agencies aiming to spaceborne radio astronomy and remote sensing of the atmosphere have recently given more impetus for this research.

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