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Type: **Invited talk**

Metaphotonics-enabled mid-IR spectrometers for chemical classification

Tuesday 13 December 2022 14:30 (30 minutes)

Mid-infrared spectroscopy has numerous applications. A host of new applications could be enabled by new types of mid-IR spectrometers with reduced size, weight, and cost. We will describe our recent work on a compact microspectrometer platform for chemical identification.

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Session Classification: Focus Session

Track Classification: Focused Sessions: Metaphotonics and Metasurfaces