

# Direct broadband infrared generation from 12 to 35 THz with a Kerr-lens modelocked Cr:ZnS oscillator

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We generate mid-infrared ranging from 12 to 35 THz (9 - 25  $\mu\text{m}$ ) via IDFG. The radiation is directly generated in GaSe by the pulses of an in-house developed KLM Cr:ZnS oscillator. The spectral coverage towards 30  $\mu\text{m}$  is in reach, which is of interest for ultrafast spectroscopy of solids.

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