

Visible, femtosecond, high power, ultra-broadband noncollinear optical parametric oscillator (VIS-NOPO)

Friday, 2 September 2022 09:00 (15 minutes)

The visible spectral range is difficult to cover by non-parametric laser gain media. Therefore, optical parametric oscillators offer a versatile solutions to this problem but have rather low tuning speeds. We demonstrate a quickly tunable, high power, femtosecond, noncollinear optical parametric oscillator which covers nearly the entire visible spectral range.

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Session Classification: SSL 6 Piskarskas memorial