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Optimizing Soft X-Ray High Harmonic Generation

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We simulate high harmonic generation (HHG) from few-cycle mid-infrared (MIR) lasers. We calculate optimum phase matching parameters for attosecond pulses at important soft X-ray edges for low energy driving lasers (< 0.5 mJ).

Authors: Mr AVNI, Timur (Imperial College London); Dr JOHNSON, Allan (The Institute of Photonic Science); Mr CUMMINS, Daniel (Imperial College London); Dr AUSTIN, Dane (Imperial College London); Mr LARSEN, Esben W. (Imperial College London); Dr MATTHEWS, Mary (Imperial College London); MARANGOS, Jon (Imperial College London)

Presenter: Mr AVNI, Timur (Imperial College London)

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