

Abstract Submitted  
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**Resonant dispersive waves generated with multi-input femtosecond pulses**<sup>1</sup> KAI WANG, JIAHUI PENG, ALEX SOKOLOV, Texas A&M University, INST QUANTUM STUDIES TEAM — We investigated the resonant dispersive waves generated by high-order dispersion theoretically. We considered different femtosecond pulses propagating in the kagome-lattice hollow-core photonics crystal fibers. The two third order and fourth order resonant dispersive waves would be produced in the visible range to produce the ultrashort pulse.

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