Contribution ID: **37**   Type: **Talk (preferred)**

Linear propagation of optical pulses with high-order dispersion

Thursday 15 December 2022 14:00 (15 minutes)

We theoretically and numerically study the linear propagation of optical pulses in media with high-order dispersion m. We find that for high dispersion orders, all pulses follow a universal evolution depending only on m, eventually evolving to a sinc function.

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Session Classification: Australian and New Zealand Conference on Optics and Photonics

Track Classification: ANZCOP: ANZCOP: Nonlinear optics and photonics