SAIP2014

Contribution ID : 352

Pulse shaping using a 2D spatial light modulator

Wednesday 09 Jul 2014 at 17:10 (01h50')

Abstract :

The 2D spatial light modulator (SLM) can alter only the phase of incident light. Despite this one can do phase and amplitude shaping utilizing the high resolution of these devices. The basic setup can be easily extended for multiple beams each of which can be individually temporally shaped allowing one to do arbitrary temporal pulse shaping and characterization.

Award :

Yes

Level :

Hons

Supervisor :

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Paper :

no

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Session classification : Poster2

Track classification : Track C - Photonics

Type : Poster Presentation