

Characterization of various bound state solitons using linear optical sampling technique

Abstract

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The linear optical sampling (LOS) technique is proposed to implement the characterization of bound state solitons generated from a passively mode-locked fiber laser. According to our experimental results, it is confirmed that the LOS enables more accurate measurements with much higher resolution in both time and spectral domains than conventional measurement devices.

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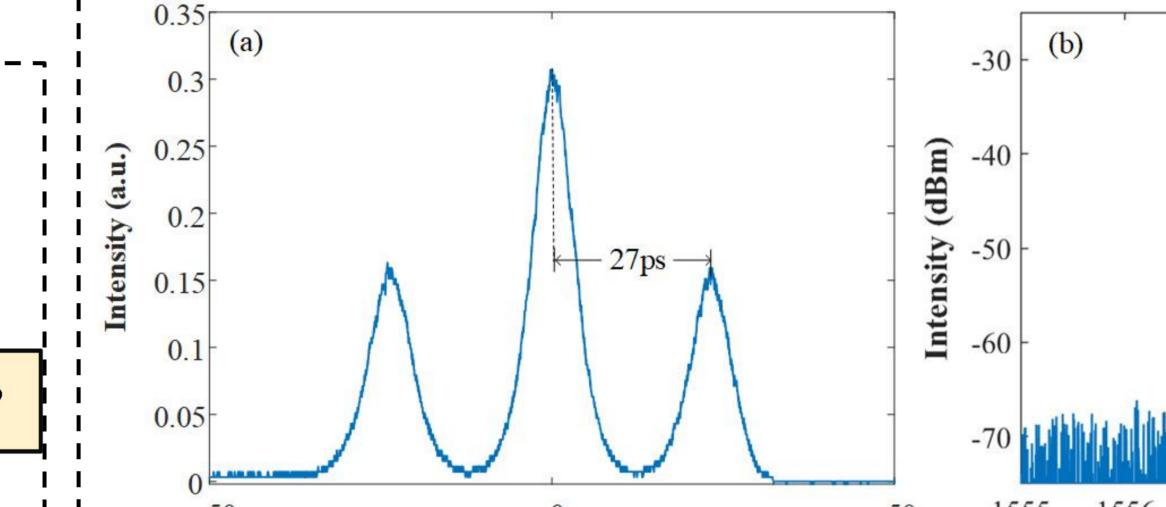
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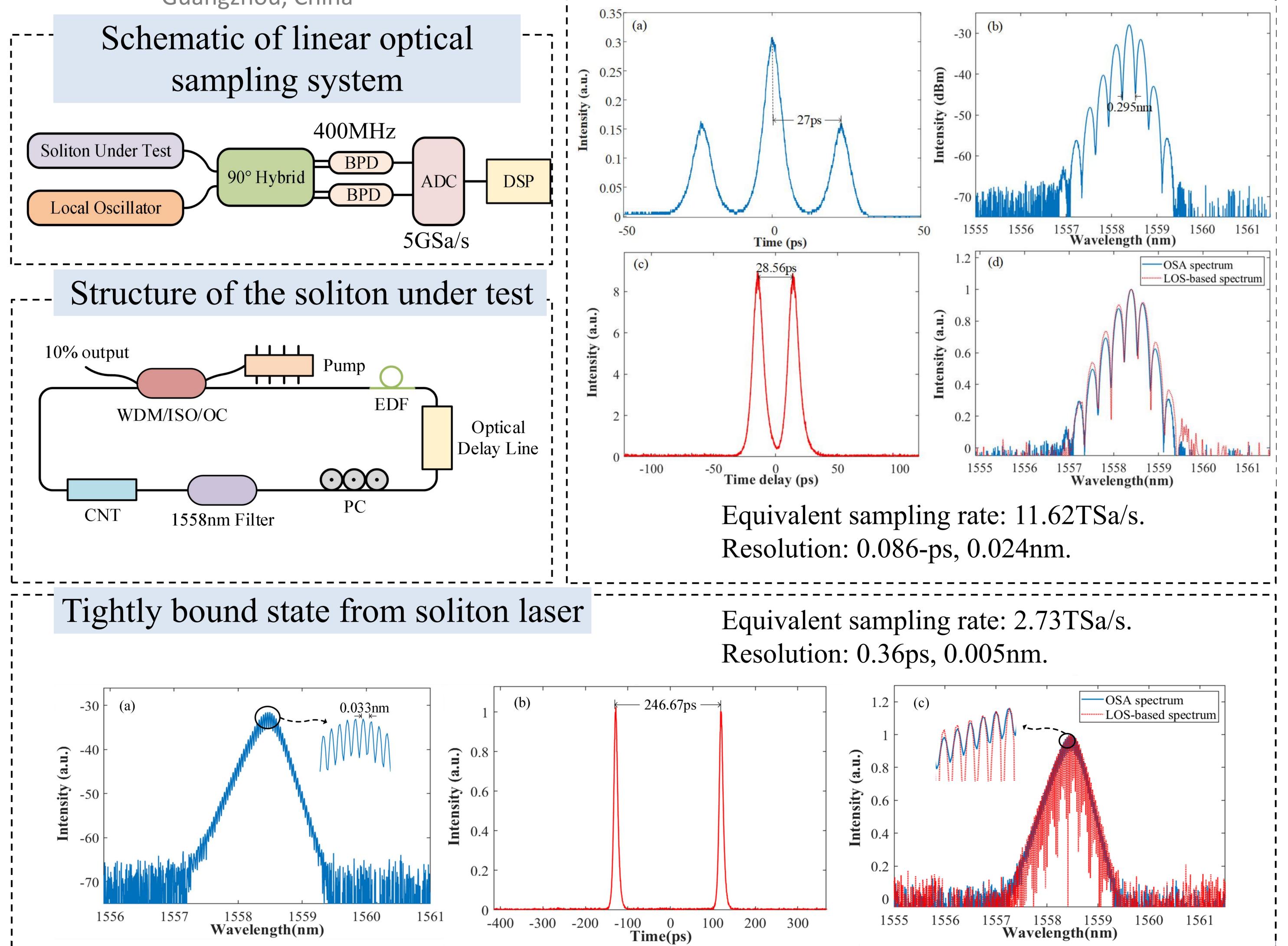
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Strongly bound state from soliton laser





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