



Diagnostics for the micro-bunching instability at KARA

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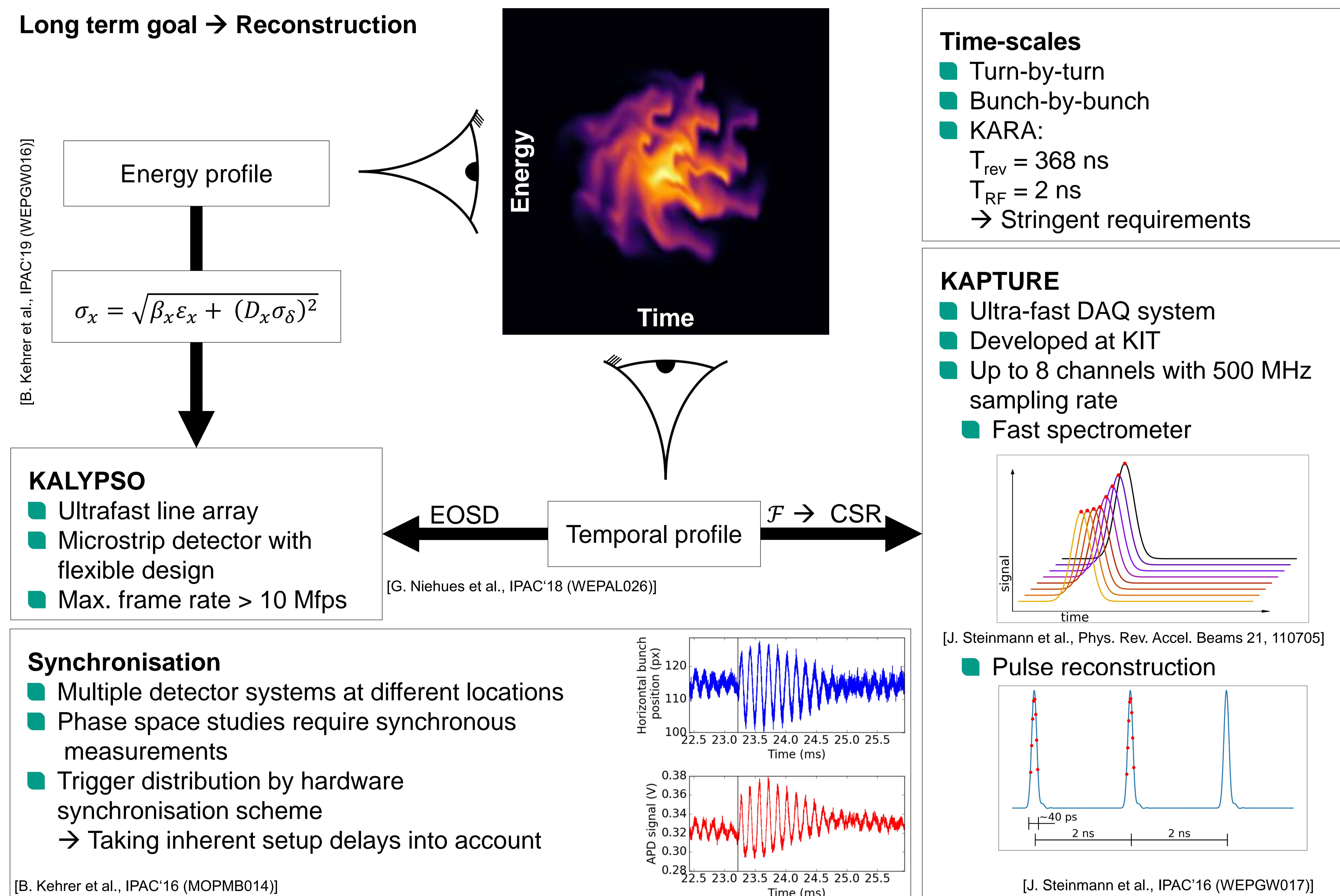
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Longitudinal phase space studies

Long term goal → Reconstruction

[B. Kehrer et al., IPAC'19 (WEPGW016)]



Synchronous measurements

→ Onset of CSR burst coupled to occurrence of substructures on the longitudinal bunch profile

