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Diagnostics for the micro-bunching instability at KARA

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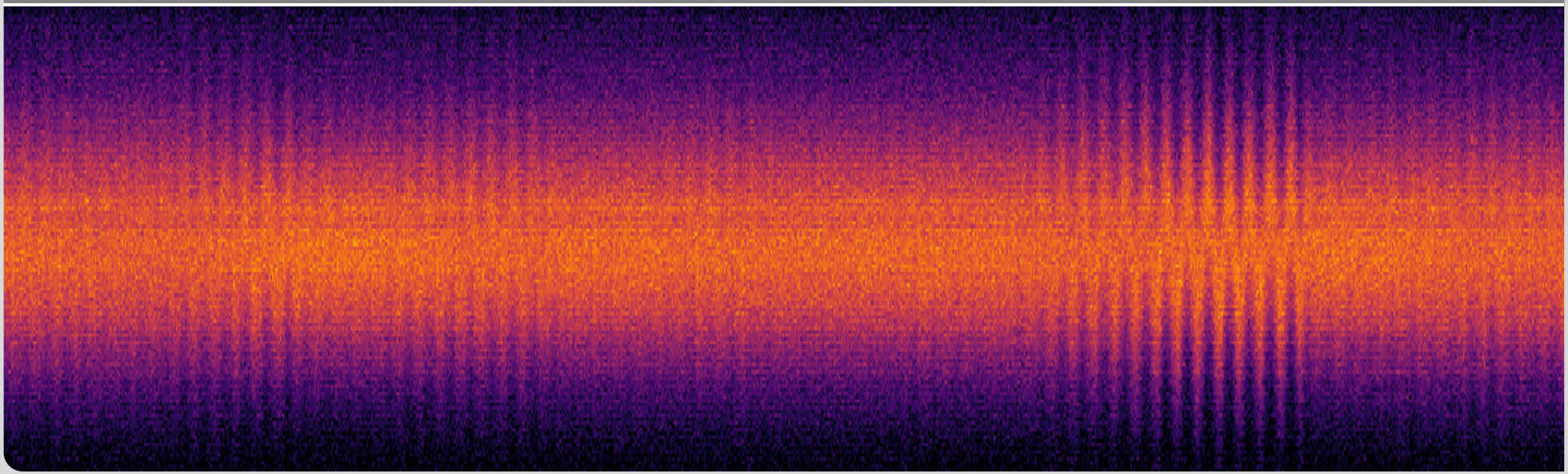

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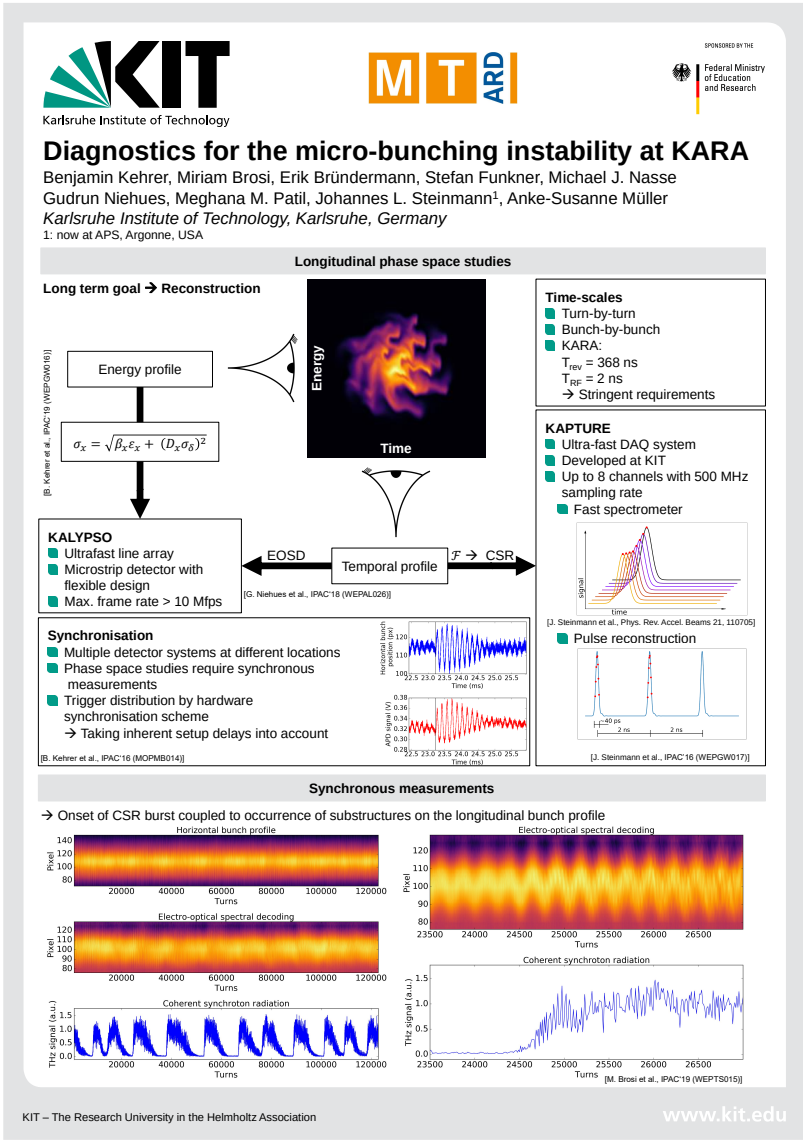
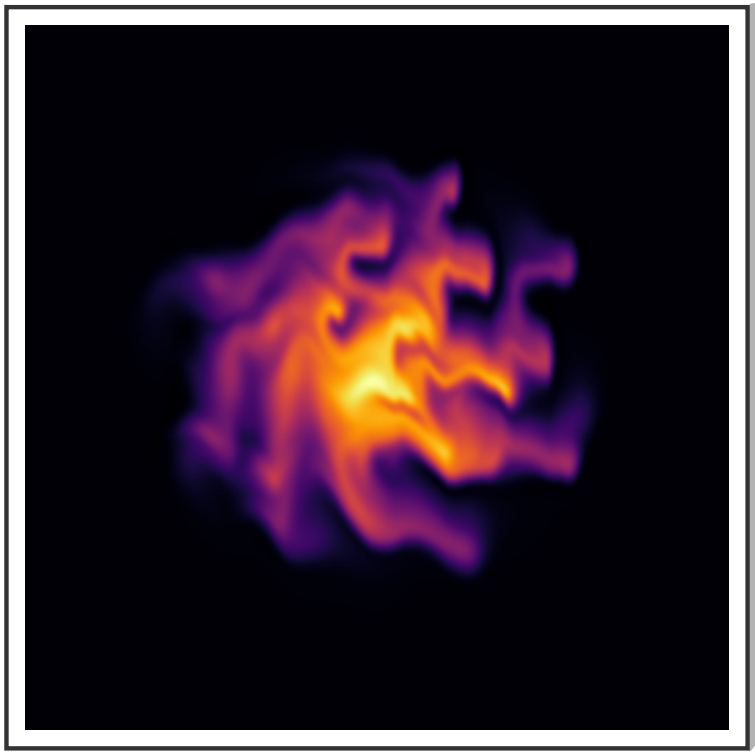
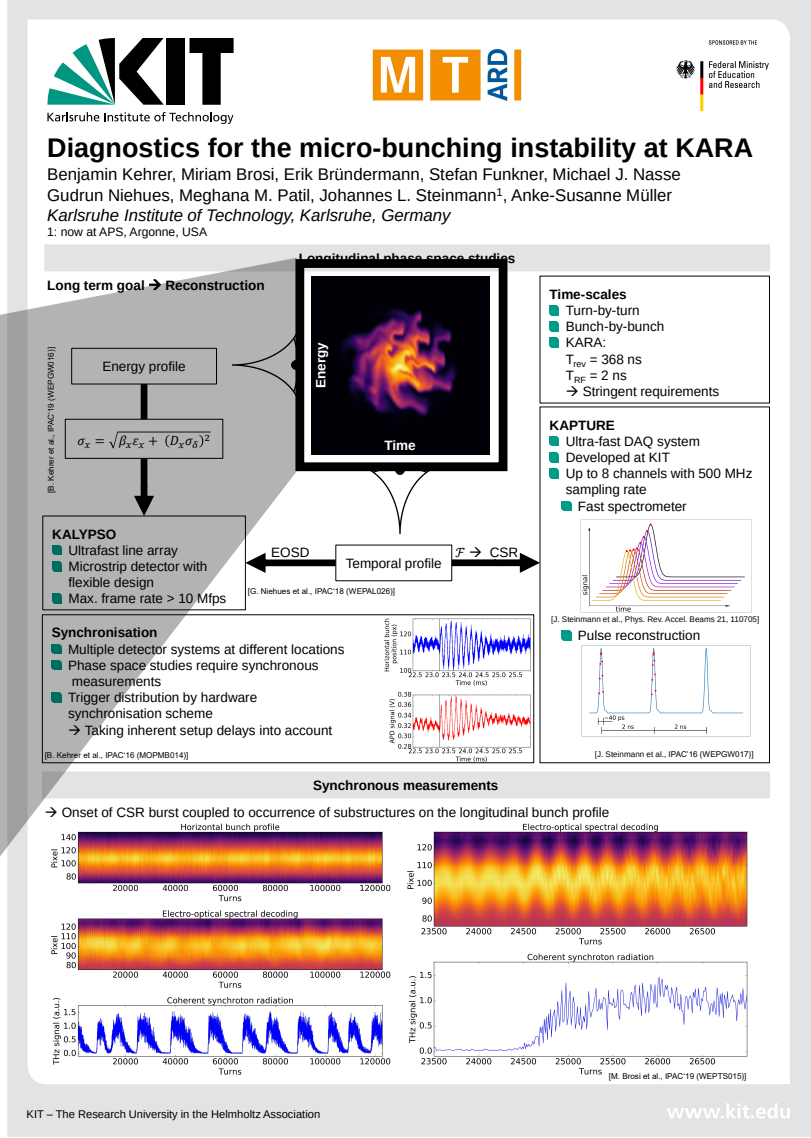


Diagnostics for the micro-bunching instability at KARA

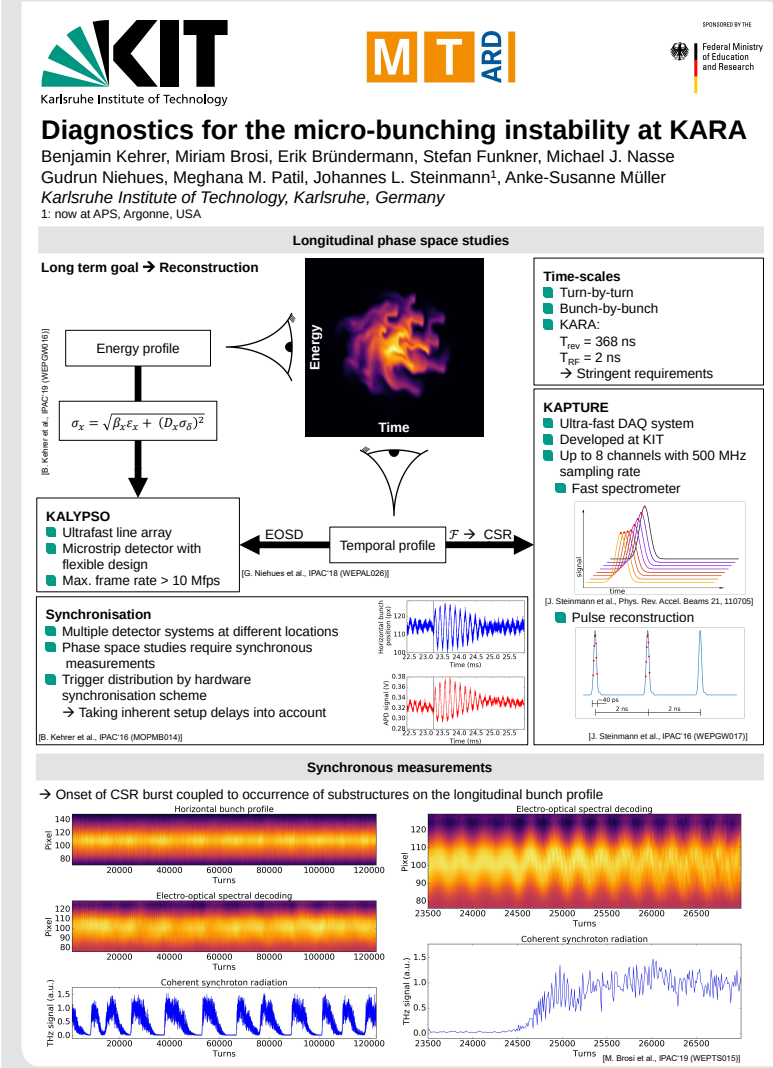
- Investigation of the longitudinal phase space





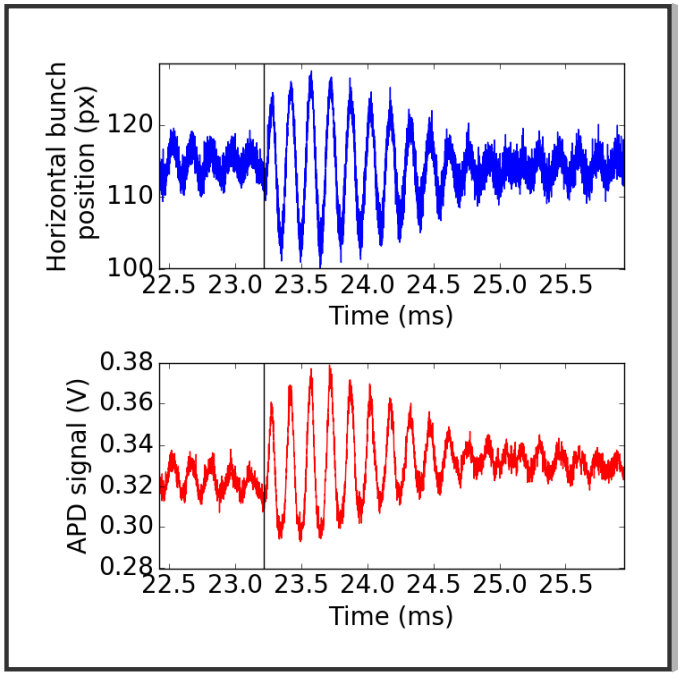
Diagnostics for the micro-bunching instability at KARA

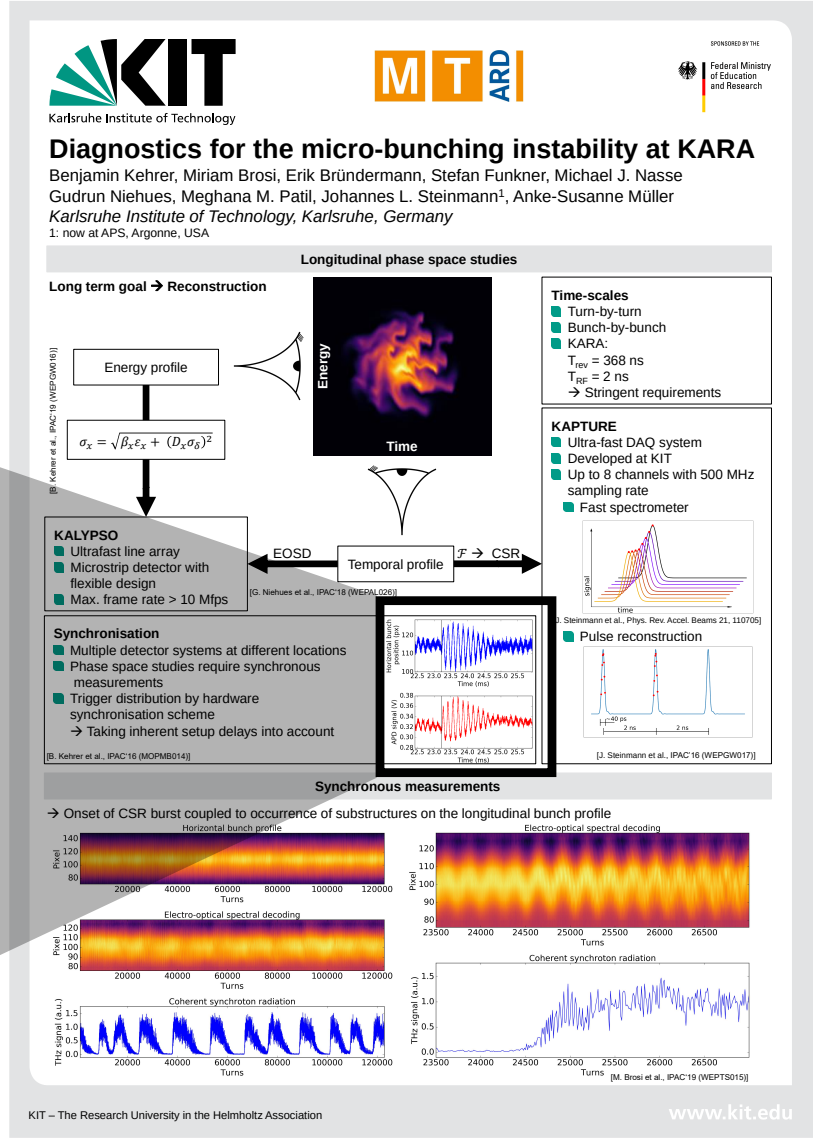
- Investigation of the longitudinal phase space
- Detector systems
  - KAPTURE + Schottky diodes
  - KALYPSO: EOSD + hor. imaging



Diagnostics for the micro-bunching instability at KARA

- Investigation of the longitudinal phase space
- Detector systems
- Synchronized





Diagnostics for the micro-bunching instability at KARA

- Investigation of the longitudinal phase space
- Detector systems
- Detailed studies of the micro-bunching instability