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## Design of the pseudo single bunch mode in SPEAR3

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With the growing interests and new experimental development in time-resolved studies at Stanford Synchrotron Radiation Light Source (SSRL), we are motivated to develop the Pseudo Single Bunch (PSB) operational mode to address the requirements from time-resolved and regular user experiments simultaneously. In this paper, we will present the physics design for this new mode. Beam line simulations for performance evaluation of the user experiments are also reported.

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US Department of Energy

### Footnotes

### I have read and accept the Privacy Policy Statement

Yes

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