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PulseOne, first FLASH-ready LINAC timing/trigger system

Tuesday, 21 May 2024 16:00 (2 hours)

The system offers a single-card solution with optional IO extensions cards, enabling synchronization of electron gun, RF modulator, dosimetry, and other diagnostic devices. Noteworthy features include the ability to generate multiple, preconfigured pulse trains on synchronous channels, each with individual configuration settings. With real-time control of pulse width modulation or sheer number of pulses (pulse increment/decrement) it can enable fast and precise control over output channels. Such control comes as necessary in all future FLASH applications.

Footnotes

Funding Agency

Paper preparation format

Region represented

Europe

Primary author: JAKOS, Anze (Cosylab)

Co-authors: MODIC, Robert (Cosylab); STEFANIC, Rok (Cosylab)

Presenter: JAKOS, Anze (Cosylab)

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