

Timing and synchronization for integrated operation of large volume plasma device

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- Large volume plasma device (LVPD) is dedicated for fundamental experiments, relevant to magnetospheric and fusion plasma.
- Timing and synchronization of I&C controllers of machine control system is essential for integrated operation of LVPD.
- Synchronization of multi-module data acquisition system (PXIe based) is demonstrated and schema for time synchronization is presented in the paper.