

Pulsed Power for Kicker Systems 2026 workshop (PULPOKS26)

2 November 2026 - 4 November 2026

MAX IV Laboratory

Scientific Program

The PulPoKS workshop is aimed at bringing together the pulsed power and accelerator injection systems communities to:

- * Improve lines of communication between both new and experienced Engineers in the field of pulsed power for particle accelerators;
- * Share knowledge, experience and approaches to doing things;
- * Share information about projects etc. which are being working on, including: obsolescence programs, upgrades, large procurements, new designs, R&D projects, etc.;
- * Discuss future requirements of the pulsed power community and define what is needed from both universities and manufacturers.

The topics which will be addressed are:

- * Gas discharge switches and replacements
- * Solid-state switches and modulators
- * Electro-magnetic compatibility (EMC)/noise suppression
- * Magnetic materials and beam impedance control
- * Kickers for injection and extraction systems
- * Reliability, availability and maintenance
- * Recent and planned upgrades/replacements (non R&D projects)
- * Experience with manufacturers and material availability
- * Electrical breakdown and insulation materials.