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## Experience of Solid-state modulators for HV kickers and septa at SOLEIL

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“Experience of Solid-state modulators for HV kickers and septa at SOLEIL”

The pulsed systems for beam injection & extraction at SOLEIL only use solid-state switches in the pulsed systems. During the technical design of the machine, this had been a strong requirement in order to get excellent availability and reliability of the equipment themselves but also to obtain excellent Top-Up performance, particularly for the 4 storage ring kicker systems. The presentation will go over the design and performance we have obtained for over 10 years of operation at SOLEIL.

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**Session Classification:** Session 5 : Solid state switches and modulators