

**Status of the Swiss Light Source Project SLS,**  
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5232 Villigen - The status of the SLS project is  
reviewed. This light source is based on a 252 m  
circumference electron storage ring with a reference  
energy of 2.1 GeV and an emittance of 3.2 nm·rad. The  
lattice has been optimised to provide a large dynamic  
aperture with an energy acceptance of more than  $\pm 3\%$ .  
Preliminary design of the quadrupole and sextupole  
magnets indicate that a maximum energy of 2.4 GeV is  
feasible. The full energy injector is based on a low  
emittance booster synchrotron located in the storage  
ring tunnel. A Test stand for the RF gun is in the  
commissioning stage.