

**FIRST LASING AT FLASH WITH 4.45 NM**

S. Schreiber, DESY, Hamburg, Germany

*Abstract*

Recently the free-electron laser facility FLASH at DESY, Germany has been upgraded. An important feature of the update is the increase in electron beam energy from 1 to 1.2 GeV by adding a 7th superconducting accelerating module. Recently, FLASH met the upgrade goal and accelerated the beam just above 1.2 GeV. Shortly after, for the first time, lasing at 4.45 nm with a remarkably improved performance was obtained.

**CONTRIBUTION NOT  
RECEIVED**