

Coherent harmonic generation in the 1-6th harmonic in linear and circular mode

MAX-lab

Francesca Curbis*, Nino Cutic, Filip Lindau, Sara Thorin and Sverker Werin

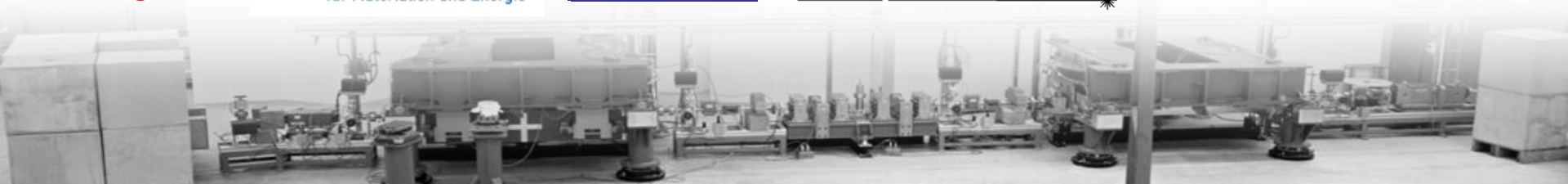
HZB/BESSY

Johannes Bahrtdt and Karsten Holldack

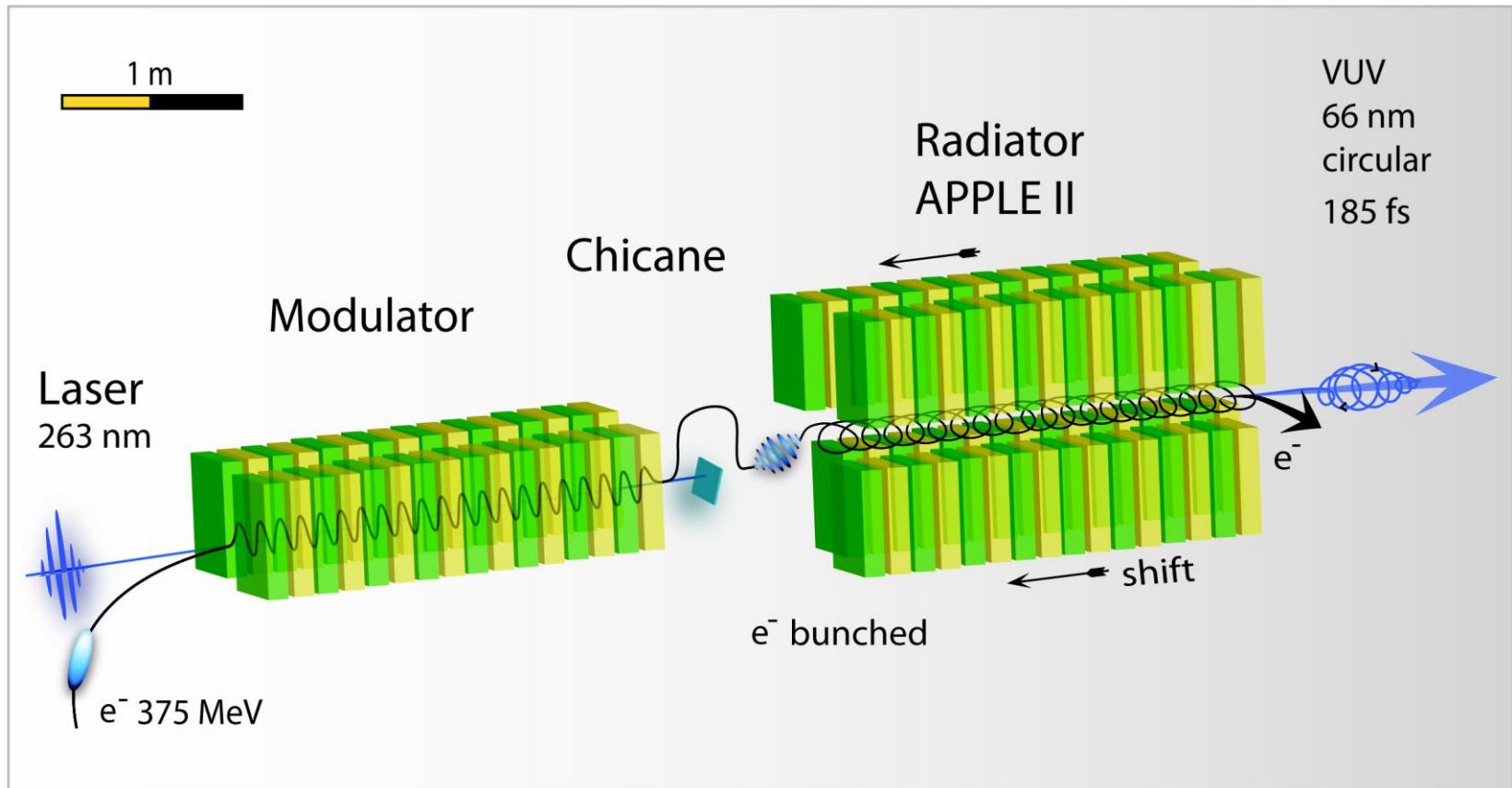
Lund University, Dep. For Atomic Physics

Christian Erny, Erik Mansten and Anne L'Huillier

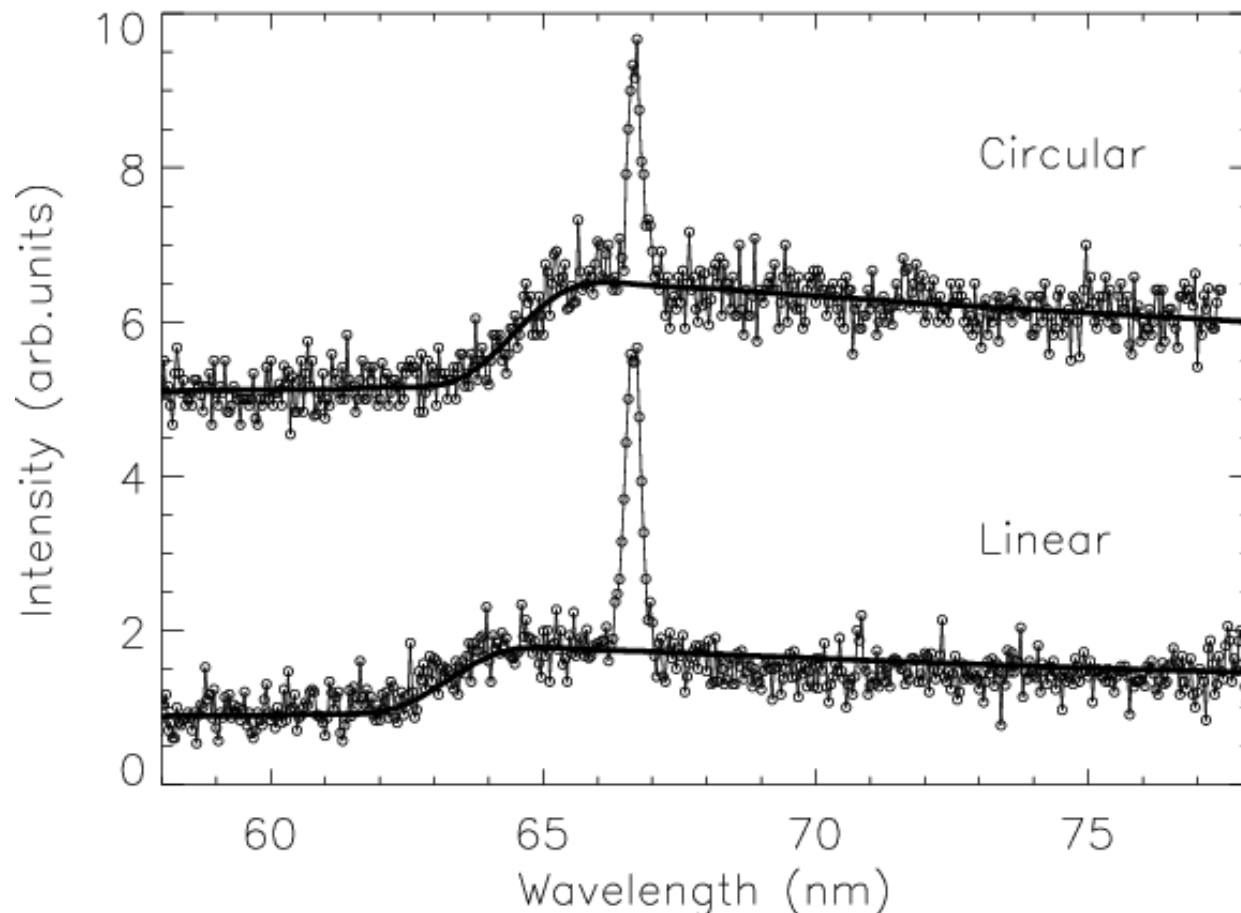
*) Now at FLASH DESY



Principle layout

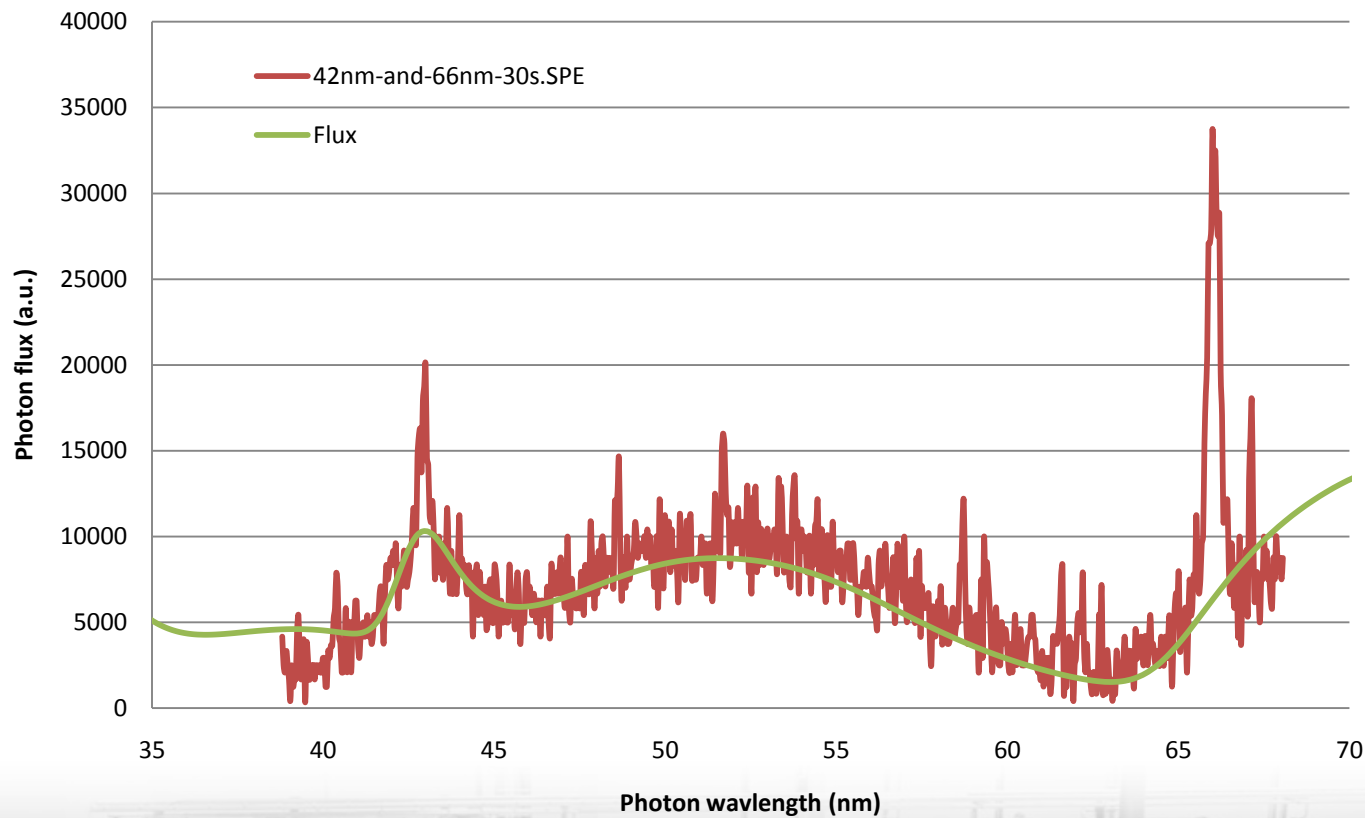


4th Harmonic in linear and circular mode



6th and 4th Harmonic linear mode

CHG undulator spectrum



WEOA4 – Results
THOA4 – EO

TUPB15 – HHG

WEPA11 – MAX IV FEL

WEPB34 – MAX IV Injector

