







TOF-SPIN



Time-, spin- and angle- resolved photoemission







TOF-SPIN configuration at LPMS



TOF-SPIN configuration



specifications





specifications

Au(111)







specifications

Au(111)

simulation at RT



TOF-SPIN configuration at ATTOlab



beamline characterisation with Au (111)

9 Novembre: HHG photons



beamline characterisation with Au (111)

9 Novembre: HHG photons



beamline characterisation space charge



TMDC under study (Transion Metal DiChalcogenites)

General formula MX₂

MoS₂, WSe₂, WTe₂, HfTe₂





Wong ProgCrystGrCarMater 2016

TMDC under study

First ARPES tests on the FAB 10 beamline

monochromator narrow band



WSe₂ crystal, cleaved under vacuum

TMDC under study



ATTOIab FAB 10 time- and spin-resolved ARPES

WTe₂ crystal, cleaved







the team



