

# Anmeldung Masterpraktikum / Registration Masterlab

Name / Surname: \_\_\_\_\_

Vorname / Name: \_\_\_\_\_

Matrikelnummer / Registration number:

\_\_\_\_\_

Studiengang / Study programme:

\_\_\_\_\_

e-mail : \_\_\_\_\_

gewünschter/-e Versuchspartner/-in / favoured partner:

\_\_\_\_\_

Bitte wählen Sie aus den unten aufgeführten Experimenten sechs Experimente aus.

Please choose six experiments from the following list. Experiments marked as „2-day experiments“ count double.

**Favoured experiments / gewünschte Versuche**

Experiment	1-day experiments	Gewünscht/ favoured
AFM	Atomic Force Microscopy	
STM	Scanning Tunneling Microscopy	
XR	X-ray Reflection	
RF	X- ray Fluorescence	
ODMR	Optically Detected Magnetic Resonance	
SPR	Surface Plasmon Resonance Sensing	
Top	Top-Quark	
$\mu\pi K$	Life time $\mu\text{-}\pi\text{-}K$	
SiPM	Silicon Photomultiplier	
2- day experiments		
SDE	Semiconductor detectors and electronics	
LS	Laser Spectroscopy	

Theory projects	1-day experiments	Gewünscht/ favoured
QEDloop	One-loop renormalization of QED	
QEDborn	Computer-based calculation of Born-level QED processes	
2- day experiments		
LQCD	Lattice Quantum Chromodynamics	
MC	Monte Carlo Tools in Particle Physics	
QC	Experiencing Quantum Computers	

**Abgabe: bis Dienstag 18.10. Mittag, per Email an**

**Carmen.DPardos@uni-siegen.de**

**Submission: by Tuesday 18.10. at noon, per email to**

**Carmen.DPardos@uni-siegen.de**