

PRESENTATIONS

in recent years

- 3.7.2015 „The Neutron Lifetime Experiment τ SPECT“
Poster at the „Institutstreff“ at the Institut für Physik of Mainz university
- 18.6.2015 “Untersuchung des elektroschwachen Standardmodells mit dem β -Zerfall des Neutrons”
Seminar talk at Bayreuth university
- 26.5.2015 “Detectorelectronics a SPECT”
 a SPECT collaboration meeting, ILL, Grenoble, 2015
- 27.3.2015 “Status report of the neutron lifetime experiment tau-SPECT”,
Spring meeting of the German physical society, Heidelberg 2015
- 19.12.2014 “Investigating neutron β -decay with the a SPECT experiment”
Seminar talk at Münster university
- 30.10.2014 “Status of the simulations for the a SPECT experiment in Mainz”
 a SPECT collaboration meeting, Mainz, 2014
- 30.10.2014 “Detectorelectronics a SPECT”
 a SPECT collaboration meeting, Mainz, 2014
- 3.9.2014 “Results from the a SPECT experiment”,
Solvay workshop “Beta-Decay Weak Interaction Studies in the Era of the LHC ”, Brussels, invited talk
- 30.6.2014 Poster “The Neutron Lifetime Experiment τ SPECT”,
“Institutstreff“ at the Institut für Physik of Mainz university
- 29.4.2014 “Investigation of the Standard Model in the decay of the free neutron with the a SPECT experiment”,
Seminar talk at Mainz university
- 19.3.2014 Poster “Investigation of the work functions for precision experiments to investigate the standard electroweak model”,
spring meeting of the German physical society, Frankfurt 2014
- 14.10.2013 „Tracking simulations of ions and protons for the WITCH and the a SPECT experiment”,
SParTa workshop “Spin and Charged Particle Tracking in Magnetic Fields at Very Low Energies”, at the monastery Seon
- 10.9.2013 „Status of the a SPECT experiment”,
PSI workshop 2013

- 12.3.2013 „Status of the work function measurements“,
25. KATRIN collaboration meeting, KIT, 2013
- 7.3.2013 „Concept for a measurement of the neutron lifetime in Mainz“,
spring meeting of the German physical society, HK 78.4, Dresden
2013
- 7.3.2013 Poster „Investigation of the work function fluctuations of electrodes
for high precision low energy experiments“,
spring meeting of the German physical society, Dresden 2013
- 28.1.2013 „Investigation of work functions for precision experiments“,
group meeting AG Heil, Mainz, 2013
- 13.12.2012 Poster „Measuring the Neutron Lifetime Using Magnetically Trapped
Neutrons: α SPECT- τ_n “
DFG colloquium “Precision experiments in particle- and astrophysics
with cold and ultracold neutrons“ (SPP 1491/2)
- 13.12.2012 Poster „Measurement of the beta-neutrino angular correlation with the
 α SPECT experiment“
DFG colloquium “Precision experiments in particle- and astrophysics
with cold and ultracold neutrons“ (SPP 1491/2)
- 9.11.2012 Poster „Measurement of the neutron lifetime at Mainz“,
Neutron lifetime workshop, Santa Fe, USA
- 17.10.2012 „Investigation of the work function of different surface samples
for the rear wall“,
23. KATRIN collaboration meeting, KIT, 2012
- 21.6.2012 Poster „Measurement of the neutron lifetime at Mainz“,
“Institutstreff“ at the Institut für Physik of Mainz university
- 29.3.2012 „Work function measurements for the rear wall“,
22. KATRIN collaboration meeting KIT, 2012
- 14.3.2012 „Concept for a measurement of the neutron lifetime in Mainz“,
Status Meeting of the DFG priority program 1491, Frauenchiemsee
2012
- 12.3.2012 „Investigation of work functions for precision experiments“,
spring meeting of the German physical society, MS 2.6, Stuttgart 2012
- 1.3.2012 „Concept for a measurement of the neutron lifetime in Mainz“,
UCN-meeting, Institut für Kernchemie, Mainz university
- 18.10.2011 „The KATRIN Experiment for the search for the neutrino mass“,
General ILL seminar (college 3), Institut Laue Langevin, Grenoble,
2011

- 11.10.2011 „Preparations for work function measurements with a Kelvin probe“,
21. KATRIN collaboration meeting, KIT, 2011
- 13.9.2011 „Investigation of the electroweak standard model with the a SPECT
experiment“,
EMG summer school, Frauenchiemsee
- 23.3.2011 „Verbesserungen von a SPECT für die nächste Strahlzeit“,
spring meeting of the German physical society, HK 44.5, Münster,
2011
- 16.3.2011 „Searching for physics beyond the standard model using beta-decay“,
spring meeting of the German physical society, MS 5.1, Hauptvortrag,
Dresden 2011
- 11.3.2011 „Work function measurements with a Kelvin probe“,
20. KATRIN collaboration meeting, KIT, 2011
- 24.1.2011 „Improvements for the next beamtime at ILL“,
group meeting AG Heil, Mainz university, 2011
- 18.1.2011 „Das KATRIN Experiment zur Suche nach der Masse des Elektron-
Antineutrinos“,
seminar talk, ECAP, Erlangen, 2011
- 10.1.2011 „Beta-Zerfall und die Suche nach Physik jenseits des
Standardmodelles“,
seminar talk at the „Neutronen- und Spinechophysik“ group seminar,
Uni Heidelberg, 2011
- 16.8.2010 “Systematic problems at WITCH”,
Workshop „systematic effects at WITCH“, Leuven, 2010
- 4.5.2010 “The CKrS at the CPS”,
Workshop “Energy calibration of the KATRIN experiment”,
Uni Münster, 2010
- 4.5.2010 “The condensed Krypton calibration source”,
Workshop “Energy calibration of the KATRIN experiment”,
Uni Münster, 2010
- 18.3.2010 “Status des WITCH Experimentes”,
spring meeting of the German physical society, HK54.3, Bonn, 2010
- 16.3.2010 “The KATRIN Experiment”,
spring meeting of the German physical society, HK28.1, group report,
Bonn, 2010

- 11.3.2010 “Status of the WITCH experiment”,
spring meeting of the German physical society, MS 7.1 group report,
Hannover, 2010
- 8.3.2010 “The condensed Krypton source for the measurements at the main
spectrometer”,
18. KATRIN collaboration meeting, KIT, 2010
- 11.2009 “Status of the WITCH experiment”,
ISOLDE Workshop, CERN, 2009
- 8.10.2009 “An angular resolved photoelectron source for the KATRIN
experiment”,
17. KATRIN collaboration meeting, KIT, 2009
- 21.9.2009 “Präzisionsexperimente zur Suche nach Physik jenseits des
Standardmodells: die Neutrinomasse und die direkte Suche nach
dunkler Materie”,
seminar talkvortrag at Mainz university
- 4.7.2009 “The KATRIN Experiment”
International Conference on Topics in Astroparticle and Underground
Physics (TAUP 2009), Rom, Italy,
1. - 5. July 2009
- 15.6.2009 “An angular resolved photo-electron source for the KATRIN
experiment”,
Poster with short presentation at the 434. Wilhelm and Else Heraeus-
Seminar about Precision Experiments at Lowest Energies for
Fundamental Tests and Constants, Physikzentrum Bad Honnef,
15. -17. June 2009
- 19.5.2009 “Systematic problems at WITCH”,
WITCH collaboration meeting in Münster, 2009
- 24.3.2009 “The condensed Krypton source for the measurements at the main
spectrometer”
16. KATRIN collaboration meeting in Karlsruhe, 2009
- 17.3.2009 “A photoelectron-gun for the investigation of MAC-E filters”
spring meeting of the German physical society, HK 39.3, Bochum,
2009
- 2.3.2009 “Status des WITCH-Experimentes”
spring meeting oft he German physical society, MS 2.6, Hamburg,
2009