Calibration and performance studies of the readout ASIC for the LHCb SciFi Tracker
Lukas Witola (Masterarbeit, 2019)

Development and Characterisation of Silicon Photomultiplier Multichannel Arrays for the Readout of a Large Scale Scintillating Fibre Tracker
Axel Kuonen (PhD Thesis, EPFL, 2018)

Development of the scintillating fibre tracker technology for the LHCb upgrade and the LHCB beam profile monitoring system
Olivier Girard (PhD Thesis, EPFL, 2018)

Simulation studies to investigate the effects of radiation dose on the LHCb SciFi detector
Ole Gerber (Masterarbeit, TU Dortmund,2018)

Study of the angle-dependent attenuation length of scintillating fibres for the LHCb SciFi Tracker
Robin Manderfeld (Masterarbeit, TU Dortmund,2018)

Experimental and simulation studies of crosstalk between scintillating fibres for the SciFi Tracker of the LHCb Upgrade
Jan Broll (Masterarbeit, TU Dortmund,2018)

Simulation Studies for the Scintillating Fibre Tracker of the LHCb Experiment
Martin Bieker (Masterarbeit, TU Dortmund,2018)

The LHCb SciFi Tracker: studies on scintillating fibres and development of quality assurance procedures for the SciFi serial production
Janine Menne (PhD thesis, TU Dortmund, 2018)

Studies for the LHCb SciFi tracker: Investigation of SCSF-78 scintillating fibres performances and development of a novel class of highly efficient scintillating fibres
Laura Gavardi (PhD thesis, TU Dortmund, 2017)

CP violation studies in three-body charmless B± decays and contributions to the LHCb SciFi Tracker
Ana Bárbara Rodrigues Cavalcante (PhD thesis, CBPF, 2017)

Simulation studies of scintillating fibre mats for the LHCb upgrade
Stephan Escher (Masterarbeit, TU Dortmund, 2017)

Performance studies of irradiated scintillating fibre modules and quality checks during serial production for the LHCb SciFi Tracker
David Müller (Masterarbeit, Heidelberg Uni., 2017)

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Robert Ekelhof (Doctorarbeit, TU Dordmund, 2016)

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Lukas Witola (Bachelorarbeit, Heidelberg Uni., 2016)

Measurements of Scintillator Fibre Tracker Mat Quality for the LHCb Tracker Upgrade
Laura Victoria Klein (Bachelorarbeit, Heidelberg Uni., 2016)

Scintillating Fibre and Silicon Photomultiplier Studies for the LHCb upgrade

Mirco Deckenhoff (Doctorarbeit, TU Dortmund, 2015)

Studies of the non-ionizing radiation hardness and temperature dependence of Silicon Photomultipliers for the LHCb Tracker Upgrade
David Gerick (Masterarbeit, Heidelberg Uni., 2014)

Characterisation of silicon photo multiplier arrays for the LHCb Scintillating Fibre Tracker Upgrade ,
Axel Kuonen - June 2014 (PDF file: 13.4 Mbytes)

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