

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_{\pm} 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)

Studies for the LHCb SciFi Tracker - Development of Modules from Scintillating Fibres and Tests of their Radiation Hardness

Robert Ekelhof (Doctorarbeit, TU Dortmund, 2016)

Commissioning of a test stand for quality assurance of fibre modules using cosmic rays for the SciFi detector upgrade

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)

-- BlakeLeverington - 2018-11-27

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