%--
\section{Bachelors Theses}
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\begin{JBlist}{Pfaff, M.}
Efficiency Study of new small-diameter Muon Drift Tube (sMDT) chambers for the ATLAS
upgrade. \TUM, July 2019.
\end{JBlist}

\begin{JBlist}{Haugeneder, T.}
Optimization of Searches for Scattering Processes in High Energy Physics with Machine
Learning. \TUM, July 2019.
\end{JBlist}

\begin{JBlist}{Hessler, J.}
Study of the spatial resolution of ATLAS sMDT chambers. \TUM. August 2019.
\end{JBlist}

\begin{JBlist}{Schwienbacher, D.}
Measurement of mechanical deformations of small-diameter Monitored Drift Tube chambers for the
ATLAS muon spectrometer. \TUM, August 2019.
\end{JBlist}

\begin{JBlist}{Klinkenberg, L.}
Untersuchiung des Verhaltens zylindrischer Driftrohre in Abh\"angigkeit des γ-
Strahlungsuntergrunds. \TUM, September 2019.
\end{JBlist}

\begin{JBlist}{Simeonov, S.}
Conceptual Studies for an Autonomous Trigger System Using Chambers with Cylindrical Tubes.
\TUM, October 2019.
\end{JBlist}

\begin{JBlist}{Haas, Ph.}
Studies of the Sensitivity of the ATLAS Experiment for Higgsino Pair Produktion in W + Higgs$
(\to\tau\tau)$ Final States. \TUM, April 2020.
\end{JBlist}

\begin{JBlist}{Multerer, H.}
Background Studies for the Search for Supersymmetry in Final States with Five Leptons at
$\sqrt{s}=13$~TeV with the ATLAS Detector. \TUM, June 2020.
\end{JBlist}

\begin{JBlist}{Baier, Th.}
Test of high-resolution muon chambers for the upgrade of the ATLAS muon spectrometer. \TUM,
July 2020.
\end{JBlist}

\begin{JBlist}{Brandenstein, Ch.}
Test of small-Diameter Monitored Drift Tube (sMDT) Chambers for the ATLAS Muon
Spectrometer. \TUM, August 2020.

\end{JBlist}

\begin{JBlist}{Ventura Meinersen, Ch.}
Search for New Physics at the LHC with an Active Learning Algorithm. \TUM, August 2020.
\end{JBlist}

\begin{JBlist}{Bongratz, P.}
Search for a charged Higgs bosons with the ATLAS Detector at $\sqrt{s}=13$~TeV at the LHC.
\TUM, August 2020.
\end{JBlist}

\begin{JBlist}{Gr\"uner, I.}
Identification of Boosted $Z\to e^+ e^-$ Decays Using a Machine Learning Approach. \TUM,
September 2020.
\end{JBlist}

\begin{JBlist}{Grasser, A.}
Pre-series Test of the Amplifier-Shaper-Discriminator Chips for the Electronics Upgrade of the
ATLAS MDT Chambers. \TUM, September 2020.
\end{JBlist}

\begin{JBlist}{Hofbauer, L.}
Search for a Charged Higgs Boson with the ATLAS Detector Using Machine Learning Methods.
\TUM, February 2021.
\end{JBlist}

\begin{JBlist}{Leing\"artner-Goth, A.}
Studies of the application of machine learning techniques in the search for supersymmetry with
compressed mass spectra. \TUM, February 2021.
\end{JBlist}

\begin{JBlist}{Turkovic, T.}
Optimization of the Conceptual Design of the Muon System of the FCC-hh Detector. \TUM,
December 2020.
\end{JBlist}

\begin{JBlist}{Darsow, J.}
Optimization and Test of New Resistive Plate Chambers for the ATLAS Detector Upgrade at the
Large Hadron Collider. \TUM, August 2021.
\end{JBlist}

\begin{JBlist}{Eidenschink, L.}
Untersuchung der mechanischen Deformationen von sMDT-Kammern f\"ur den Upgrade des
ATLAS-Myonspektrometers. \TUM, September 2021.
\end{JBlist}

\begin{JBlist}{Forster, L.}
Studies of the search for vector-boson fusion production of sleptons with the ATLAS detector in
Run 2 of the LHC. \TUM, September 2021.
\end{JBlist}

\begin{JBlist}{Leister, N.}

Search for Doubly Charged Higgs Bosons via the Vector Boson Fusion Production Mode. \TUM,
September 2021.
\end{JBlist}

\begin{JBlist}{Kessler, St..}
Study of Higgs boson properties in the framework of effective field theories with the ATLAS
detector at the LHC. \TUM, September 2021.
\end{JBlist}

\begin{JBlist}{Spitzauer, L.}
Monte Carlo Event Generator Studies of $pp\to t\bar{t}b\bar{b}$ Events at $\sqrt{s}=13$~TeV at
the LHC. \TUM, September 2021.
\end{JBlist}

\begin{JBlist}{Wesely, N.}
Untersuchung und Verbesserung des Verhaltens von sMDT-Kammern unter hohem γ-
Strahlungsuntergrund. \TUM, March 2022.
\end{JBlist}

\begin{JBlist}{Ortmann, D.}
Studies of the application of machine learning techniques in the search for supersymmetry. \TUM,
August 2022.
\end{JBlist}

\begin{JBlist}{Pruckner, M.}
Study of $t\bar{t}$ background for CP violation measurements in H to gluon coupling. \TUM,
August 2022.
\end{JBlist}

\begin{JBlist}{Schmidlechner, M.}
Development of self-triggering muon drift-tube chambers. \TUM, August 2022.
\end{JBlist}

\begin{JBlist}{Pocuc, D.}
Study of digital baseline restoration for muon drift-tube chambers at high background counting
rates. \TUM, October 2022.
\end{JBlist}

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\section{Masters Theses}
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\begin{JBlist}{Hadzic, S.}
Tests of High-Resolution Muon Drift-Tube Chambers for the Upgrade of the ATLAS
Experiment. \TUM, September 2019.
\end{JBlist}

\begin{JBlist}{Klinke, M.}
Multivariate classification of charged particle tracks for improved b-tagging performance with the
ATLAS detector. \TUM, 2020.
\end{JBlist}

\begin{JBlist}{Eberwein, G.}
Performance of Fast Readout Electronics for Muon Drift Tube Detectors at High Background Rates at Future Colliders. \TUM, May 2021
\end{JBlist}

\begin{JBlist}{Grewe, S.}
Search for Charged Higgs Bosons in $H^+\to W^+ h$ Decays with the ATLAS Detector. \TUM, July 2021.
\end{JBlist}

\begin{JBlist}{Prelipcean, D.}
Comparison between measured radiation levels and FLUKA simulations at CHARM and in the LHC tunnel of P1-5 within the R2E project in Run 2. \TUM, July 2021.
\end{JBlist}

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\section{Ph.D.\ Theses}
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\begin{JBlist}{Walbrecht, V.}
Measurement of the Higgs Boson Coupling Structure in Decays to Four Leptons with the ATLAS Detector. \TUM, January 2020.
\end{JBlist}

\begin{JBlist}{Schmidt-Sommerfeld, K.}
Study of Muon Drift Tube Detectors and Fast Readout Electronics for Very High Counting Rates. \TUM, February 2020.
\end{JBlist}

\begin{JBlist}{Junggeburth, J.}
Search for R-Parity Violating Supersymmetry in Multileptonic Final States with the ATLAS Detector at a Center-of-Mass Energy of 13 TeV. \TUM, July 2020.
\end{JBlist}

\begin{JBlist}{Gadow, Ph.}
Search for Dark Matter in Association with a Higgs Boson Decay to Bottom Quarks with the ATLAS Detector. \TUM, October 2020.
\end{JBlist}

\begin{JBlist}{H\"onle, A.}
Searches for New Resonances Decaying to a Higgs and a Vector Boson with the ATLAS Detector at the LHC. \TUM, June 2021.
\end{JBlist}

\begin{JBlist}{Maschek, St.}
Search for Heavy Zh Resonances in 13 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. \TUM, December 2021.
\end{JBlist}

\begin{JBlist}{Rendel, M.}

Search for supersymmetry in multi-leptonic final states with the ATLAS detector and construction muon tracking chambers for the ATLAS upgarde at HL-LHC. \TUM, September 2022.
\end{JBlist}

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\section{Habilitation Theses}
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\begin{JBlist}{Zinonos, Z.}
Search for Supersymmetry with the ATLAS Detector at the LHC. \TUM, February 2022.
\end{JBlist}

\begin{JBlist}{Duda, D.}
Heavy Diboson Resonances at the LHC: A Direct Window to Physics Beyond the Standard Model. \TUM, November 2022.
\end{JBlist}