

Young Scientists Meeting of the CRC TRR 257

Wednesday, June 8, 2022

Young scientists talks - Physik-Hörsaal Nr.3 (1:30 PM - 2:30 PM)

-Conveners: Nico Gubernari

time	[id] title	presenter
1:30 PM	[8] Higgs Pair Production in a Composite 2HDM	EGLE, Felix
2:00 PM	[17] $\text{\texttt{AutoEFT}}$: Automating Effective Field Theories	SCHAAF, Magnus

Young scientists talks - Physik-Hörsaal Nr.3 (3:00 PM - 4:00 PM)

-Conveners: Chiara Signorile-Signorile

time	[id] title	presenter
3:00 PM	[14] On phase-space integrals with Heaviside functions	BARANOWSKI, Daniel
3:30 PM	[22] An automated framework to calculate jet functions at NNLO	BRUNE, Kevin

Thursday, June 9, 2022

Young scientists talks - Physik-Hörsaal Nr.3 (9:30 AM - 10:30 AM)

-Conveners: Marco Bonetti

time	[id] title	presenter
9:30 AM	[3] Massive quark form factors at three loops	Dr LANGE, Fabian
10:00 AM	[11] NRQCD matching coefficients with two mass scales	Mr EGNER, Manuel

Young scientists talks - Physik-Hörsaal Nr.3 (11:00 AM - 12:00 PM)

-Conveners: Marco Fedele

time	[id] title	presenter
11:00 AM	[13] Searching for dark radiation at the LHC	MORANDINI, Alessandro
11:30 AM	[18] Tasting Flavoured Majorana Dark Matter	Mr ACAROGLU, Harun

Young scientists talks - Physik-Hörsaal Nr.3 (3:30 PM - 5:30 PM)

-Conveners: Maria Laura Piscopo

time	[id] title	presenter
3:30 PM	[6] Estimating QCD-factorization amplitudes through $SU(3)$ symmetry in $B \rightarrow P P$ decays	TETLALMATZI-XOLOCOTZI, Gilberto
4:00 PM	[19] The heavy meson lifetimes	RUSOV, Aleksey
4:30 PM	[15] Non-Perturbative Calculations for B -mesons	BLACK, Matthew
5:00 PM	[16] NLO QCD corrections to inclusive $b \rightarrow c \ell \bar{\nu}$ decay spectrum up to $1/m_b^3$	Dr MORENO, Daniel

Friday, June 10, 2022

Young scientists talks - Physik-Hörsaal Nr.3 (9:00 AM - 10:30 AM)

-Conveners: Matteo Fael

time	[id] title	presenter
9:00 AM	[10] Production and decay of the Higgs boson in association with top quarks	STREMMER, Daniel
9:30 AM	[5] ttH production in the Higgs characterisation model at NLO in QCD with full off-shell effects	HERMANN, Jonathan
10:00 AM	[12] Phenomenology of ttbb at the LHC	LUPATTELLI, Michele

Young scientists talks - Physik-Hörsaal Nr.3 (11:00 AM - 12:00 PM)

-Conveners: Daniel Moreno

time	[id] title	presenter
11:00 AM	[23] Precision Test of the Muon-Higgs Coupling at a High-energy Muon Collider	STRIEGL, Tobias
11:30 AM	[21] Multi-emission kernels for parton branching algorithms	LÖSCHNER, Maximilian

Young scientists talks - Physik-Hörsaal Nr.3 (1:00 PM - 2:30 PM)

-Conveners: Chiara Signorile-Signorile

time	[id] title	presenter
1:00 PM	[20] Mixed QCD-electroweak corrections to Higgs plus jet production at the LHC	BONETTI, Marco
1:30 PM	[2] Two-loop Leading Yukawa corrections to $gg \rightarrow HH$	ZHANG, Hantian
2:00 PM	[9] Predictions for $gg \rightarrow hh$ at full NLO QCD comparing non-linear and linear EFT frameworks and truncation effects	LANG, Jannis