

RADCOR 2017 - 13th International Symposium on Radiative Corrections (Applications of Quantum Field Theory to Phenomenology)

Monday 25 September 2017

Parallel B: P. Mathews (chair) (14:00 - 15:30)

time	[id] title	presenter
14:00	[13] Gluino two-body decays at full one-loop level in the MSSM with quark-flavour violation	EBERL, Helmut
14:30	[14] Towards four-loop Standard Model renormalization in the gaugeless limit	Dr PIKELNER, Andrey
15:00	[15] Fully Differential Vector-Boson-Fusion Higgs Production at NNLO	CACCIARI, Matteo

Parallel B: C. Sturm (chair) (16:00 - 18:00)

time	[id] title	presenter
16:00	[19] Higgs Pair Production @ 2-loops: Calculation + Pheno	Dr JONES, Stephen
16:30	[20] CP-odd Higgs Boson Production in Two-photon Processes	Prof. UEMATSU, Tsuneo
17:00	[21] 2-loop MSSM Higgs-mass QCD-EW corrections in real and complex MSSM	Mrs BOROWKA, Sophia Carola
17:30	[22] Trilinear Higgs coupling determination via single Higgs production measurements at the LHC	SHIVAJI, Ambresh

Tuesday 26 September 2017

Parallel B: T. Hahn (chair) (09:00 - 10:30)

time	[id] title	presenter
09:00	[28] MultivariateResidues -- a Mathematica package for computing multivariate residues	RIETKERK, Robbert
09:30	[29] A new method for one-loop amplitude generation and reduction in Openloops	Dr ZOLLER, Max
10:00	[30] New features of FORM and future plans	Dr VERMASEREN, Jos

Parallel B: M. Cacciari (chair) (11:00 - 12:30)

time	[id] title	presenter
11:00	[34] Electroweak corrections to vector-boson scattering	DENNER, Ansgar
11:30	[35] Higher-order corrections on diboson production processes	Dr KALLWEIT, Stefan
12:00	[36] Vector-boson scattering at the LHC	Mr SCHWAN, Christopher

Parallel B: M. Jamin (chair) (14:00 - 15:30)

time	[id] title	presenter
14:00	[40] Automated calculation of soft functions in SCET	Dr BELL, Guido
14:30	[41] Sub-leading power N-jet amplitudes	BENEKE, Martin
15:00	[42] Factorization and Resummation for Massive Quark Effects in Exclusive Drell-Yan	Dr SAMITZ, Daniel

Parallel B: J. Kühn (chair) (16:00 - 18:00)

time	[id] title	presenter
16:00	[47] NLO QCD and EW corrections to processes involving off-shell top quarks	PELLEN, Mathieu
16:30	[48] Monte Carlo Top Quark Mass Calibration	PREISSER, Moritz
17:00	[49] Towards top-quark pair production and decay at NNLO QCD	PONCELET, Rene
17:30	[50] Top pair production at NNLO: an alternative approach	SAPETA, Sebastian

Thursday 28 September 2017

Parallel B: M. Stahlhofen (chair) (09:00 - 10:30)

time	[id] title	presenter
09:00	[60] NNLL resummation for the associated production of a top pair and a Higgs/W/Z boson at the LHC	BROGGIO, Alessandro
09:30	[61] Top-bottom interference effects in Higgs boson production	Dr WEVER, Chris
10:00	[62] Top quark mass effects in Higgs physics	Dr KERNER, Matthias

Parallel B: G. Bell (chair) (11:00 - 12:30)

time	[id] title	presenter
11:00	[66] QCD correlators at high orders	Dr JAMIN, Matthias
11:30	[67] On the Light Massive Flavor Dependence of the Top Quark Mass	Dr LEPENIK, Christopher
12:00	[68] Electroweak and non-resonant corrections to top-pair production near threshold at NNLO	Mr RAUH, Thomas

Parallel B: M. Stahlhofen (chair) (14:00 - 15:30)

time	[id] title	presenter
14:00	[72] Recent IR-Improved Results for LHC/FCC Physics	Prof. WARD, Bennie
14:30	[73] Interplay of Colour-kinematics duality and analytic calculation of multi-loop scattering amplitudes: one- and two-loops	TORRES BOBADILLA, William Javier
15:00	[74] Bridge between Hadrodynamics and HEP: CPV in B and D decays	BIGI, Ikaros

Parallel B: H. Eberl (chair) (16:00 - 18:00)

time	[id] title	presenter
16:00	[79] Coordinate-space calculation of radiative corrections to the B-meson distribution amplitudes: light-cone vs. static distributions	KAWAMURA, Hiroyuki
16:30	[80] The massive 3-loop operator matrix elements with 2-different masses and the generalized VFNS	DE FREITAS, Abilio
17:00	[81] RG analysis at higher orders in perturbativ QFTs in CMP	Dr ZERF, Nikolai
17:30	[82] Form factors of a massive spin-2 particle with nonuniversal coupling	Prof. MATHEWS, Prakash