

PARTICLEFACE 2020: Working Group Meeting and Management Committee Meeting

Tuesday 11 February 2020

WG meeting (09:00 - 18:00)

time	[id] title	presenter
09:15	[32] Welcome	
09:30	[6] Climbing the ladder: from $Z(\ell)$ to m_t and α_s	VOUTILAINEN, Mikko
10:00	[7] Spacetime colour reconnection in Herwig 7	SIODMOK, Andrzej Konrad
10:30	Coffee break	
11:00	[13] Low-energy theorem for $\gamma \rightarrow 3\pi$: surface terms against π - a_1 -mixing	HILLER, Brigitte
11:30	[14] Exploring causality of loop amplitudes with the loop-tree duality	RAMÍREZ URIBE, Norma Selomit
12:00	[10] Soft corrections to inclusive cross sections at four loops and beyond	MOCH, S.
12:30	Lunch break	
14:00	[5] About the COST Action PARTICLEFACE	RODRIGO, German
15:00	Coffee break	

Wednesday 12 February 2020

WG meeting (09:00 - 22:00)

time	[id] title	presenter
09:00	[15] Integrable Limits of Scattering Amplitudes	PAPATHANASIOU, Georgios
09:30	[16] Spinor-helicity diagrams as flow diagrams	Dr REUSCHLE, Christian
10:00	[17] Vector Space of Feynman Integrals and Intersection theory	MATTIAZZI, Luca
10:30	Coffee break	
11:00	[18] Forward jets with small-x TMD factorization	KOTKO, Piotr
11:30	[19] New constraints on heavy neutral leptons	FLIEGER, Wojciech Jakub
12:00	[22] Can a heavy U_{B-L} Z' boson explain the muon (g-2) anomaly?	MORAIS, Antonio
12:30	Lunch break	
14:00	[21] The four-loop light-like cusp anomalous dimension	HUBER, Tobias
14:30	[20] Drell Yan production at NLO with the parton branching method	JUNG, Hannes
15:00	[23] Electroweak corrections for hadron colliders	SBORLINI, German
15:30	Coffee break	
16:00	[24] Muon g-2 and scalar leptoquark mixing	DORSNER, Ilja
16:30	[25] Parton Reggeization Approach at NLO	NEFEDOV, Maxim
17:00	[33] Evolution in Colour Space	PLATZER, Simon
19:00	[34] Conference dinner	

Thursday 13 February 2020

WG meeting (09:00 - 13:00)

time	[id] title	presenter
09:00	[26] Precision physics in the singlet extension	ROBENS, Tania Natalie
09:30	[27] Irreducible backgrounds for Dark Matter searches at the LHC: $\bar{t}Z (Z \rightarrow \nu\bar{\nu})$	BEVILACQUA, Giuseppe
10:00	[28] Progress on boosted top production in SCET	HOANG, Andre
10:30	Coffee break	
11:00	[29] The CMS High-Granularity Calorimeter (HGCal) for the HL-LHC upgrade	SUNAR CERCI, Deniz
11:30	[30] Standard-model prediction of ϵ_K with manifest CKM unitarity	GORBAHN, Martin
12:00	[31] Using Loop-Tree Duality to understand physical and non-physical thresholds	AGUILERA VERDUGO, José de Jesús