



# LFC24 - Fundamental Interactions at Future Colliders

## Tuesday, 17 September 2024

### QCD - A-128 (14:00 - 17:30)

-Conveners: Giancarlo Ferrera; Simone Devoto

time	[id] title	presenter
14:00	[35] Precision QCD: status and perspectives	BANFI, Andrea
14:30	[36] Quantum Tops: Quantum Information Meets High Energy Physics	AFIK, Yoav
15:00	[37] A strong coupling determination from PDFs at aN3LO with theory uncertainties	STEGEMAN, Roy STEGEMAN, Roy
15:30	Coffee break	
16:00	[40] Energy-Energy Correlation in the back-to-back region at N3LL+NNLO in QCD	AGLIETTI, Ugo Giuseppe
16:30	[39] Towards Z+jet NNLO event generation matched to parton showers in the GENEVA Monte Carlo	ALIOLI, Simone
17:00	[38] The $q_T$ and $\Delta_\Phi$ spectra in top-antitop hadroproduction at NNLL+NNLO	JU, Wanli