



# 12th Annual Meeting of the Helmholtz Alliance "Physics at the Terascale"

## Monday, 26 November 2018

### Linear Collider Forum: Physics and Detectors - SR4 a/b (14:00 - 18:05)

-Conveners: Gudrid Moortgat-Pick; Sabine Riemann; Frank Simon

time	[id] title	presenter
14:00	[88] Why don't we have the ILC yet?	REUTER, Juergen
14:35	[93] Benchmarking the Inert Doublet Model for e+e- colliders	KOTLARSKI, Wojciech
15:00	[94] Interrelation of stops, sbottoms and gluinos at CLIC	DERCKS, Daniel
15:25	[89] Studies on particle identification with dE/dx for the ILD TPC	EINHAUS, Ulrich
15:45	Coffee Break	
16:05	[90] An external silicon telescope for the LCTPC based on the SiD tracker	Mr KRÄMER, Uwe
16:30	[91] Heavy Flavour Jet Reconstruction with the ILD Detector Concept	Mr RADKHORRAMI, Yasser
16:55	[92] Hadron Production in photon-Photon processes at the ILC and the BSM signatures with small mass differences	SASIKUMAR, Swathi
17:20	[96] High Energy Synchrotron Radiation for the Investigation of Engineering Materials	LOTT, Dieter

# Tuesday, 27 November 2018

## Linear Collider Forum: Machine - SR 4a (14:00 - 16:30)

-Conveners: Gudrid Moortgat-Pick; Frank Simon; Sabine Riemann

time	[id] title	presenter
14:00	[95] Need for simultaneous e- and e+ polarization	MOORTGAT-PICK, Gudrid
14:20	[97] Status and experimental test for the ILC positron source	RIEMANN, Sabine
14:55	[98] Helical Undulator with non-ideal fields	Mr ALHARBI, Khaled
15:20	[99] Optimization of undulator parameters for 125 GeV drive beam	FORMELA, Manuel
15:45	[100] Set-up of on-site LC target tests on-site	Prof. HILLERT, Wolfgang
16:10	[101] Excess at 30 GeV at Aleph and CMS? Potential for the linear collider?	HEISTER, Arno