Session Program

31 March 2008 to 2 April 2008

IOP HEPP Particle Physics 2008

Parallel 2C: ILC Physics and Accelerator

Lancaster University

Tuesday 1 April

11:00

Parallel 2C: ILC Physics and Accelerator

Session | **Location:** Lancaster University, George Fox Seminar Room B56

11:00–11:12 **The top quark threshold at the ILC**

Speaker
Mr Filimon Gournaris

11:13–11:25 **Anomalous top coupling at the ILC - from the tools to the physics**

Speaker
Mr Erik Devetak

11:25–11:37 **Realistic Reconstruction of top Quark Pairs for the ILC**

Speaker
Ms Talini Pinto Jayawardena

11:37–11:49 **The LiCAS FSI subsystem current status and initial measurements**

Speaker
Mr John Dale

11:49–12:01 **The use of crab cavities in colliders to increase luminosity**

Speaker
Dr Graeme Burt

12:01–12:13
A Micron-Scale Laser-Based Beam Profile Monitor for High Luminosity Particle Accelerators

Speaker
Mr Lawrence Deacon

12:13–12:25 **Depolarization effects at the interaction point of a linear collider**

Speaker
Dr Anthony Hartin

12:25–12:37
The effect of electromagnetic backgrounds on an IP feedback system at ILC and CLIC

Speaker
Ms Christine Clarke

12:44