

Session Program

13-14 Jan 2011

LHC Lumi Days

Physics aspects

CERN, 503/1-001 - Council Chamber

Thursday 13 January

09:00

Physics aspects

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Michelangelo Mangano

09:00–09:05 Welcome and introduction

Speaker

Massimiliano Ferro-Luzzi

09:05–09:25 Motivations and precision targets for luminosity

Speaker

Michelangelo Mangano

09:30–10:00 Indirect luminosity measurements: theoretical assessment

Speaker

Valery Khoze

10:05–10:25 TOTEM: prospects for total cross section measurements

Speaker

Dr MARIO DEILE

10:30–10:50 LHCb: indirect luminosity measurement

Speaker

Jonathan Anderson

10:55–11:10 Coffee break

11:10–11:25 Status and prospects of ALFA

Speaker

Karlheinz Hiller

11:30–11:50

ATLAS: W and Z boson cross sections and prospects for other precision cross section measurements

Speaker

Matthias Schott

11:55–12:15

CMS: W and Z boson cross sections and prospects for other precision cross section measurements

Speakers

Jeremy Werner, Jeremy Werner

12:20–12:35 CMS forward detectors for indirect luminosity measurements

Speakers

Stephen Schnetzer, Steve Schnetzer

12:55