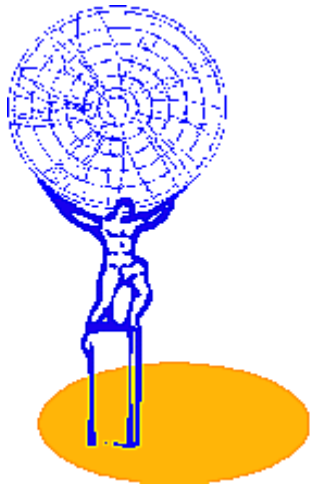


ATLAS SCT Week
CERN, 10-14 December 2001

Status & Schedule of the SCT Testbeam



Gareth Moorhead
The University of Melbourne

presented by Marcel Vos



http://atlas.web.cern.ch/Atlas/GROUPS/INNER_DETECTOR/SCT/testbeam

2001

- Specifics for the October run covered by Marcel & others
- Infrastructure worked well in 2001:
 - Two chillers with new 10-module manifold
 - Upgraded Online and new Offline PCs - big disks for whole datasets
 - Problem with temperature stability of a CLOAC in a full VME crate
 - UCL looking into it
- On-going problems with timely access to modules
 - Beamtest stops Systemtest: trying to limit impact means late access to reference modules ⇒ we need more modules at CERN
 - Difficult to characterise properly modules-under-test which arrive at the last minute

2001 Team

Very good support in 2001:

Alan Barr, Pavel Cermak, Zdenek Dolezal,
Mauro Donega, Monica D'Onofrio, Lars Eklund,
Jose Enrique Garcia Navarro,
Tomas Horazdovsky, Sandor Kazi, Peter Kodys,
Vladimir Linhart, Mariane Mangin-Brinet,
Gareth Moorhead, Peter Phillips,
Stanislav Pospisil, Pavel Reznicek, David Saxon,
Milan Sinor, Michael Solar, Ivan Stekl,
Marcel Vos, Rainer Wallny

2002 Schedule

Version 4 (26/11/2001)

Approved by SPS

2002 ATLAS Test Beam Schedule (SPS)

27 May - 10 September 2002

		P1A?			P1B?			P1C?			P2A?							
Beam Line	Subdetector	May		June			July			August			Sep.					
		2 7	29	6	12	19	27	3	4	10	18	24	31	8	14	21	29	3
H8/SPS	Pixel		C						C						C	E		
	SCT		C							C					C	E		
	TRT															C		LE
	Tiles																	
	LAr barrel																	
	Muons														LE			
H6/SPS	HEC/EMEC																	
	EMEC																	
X5-GIF/SPS			MDT					TGC	RPC						CSC	RPC		

C xyz

Co-user periods

LE

Low energy period

MAGNET OFF: 12-19 June, 18-24 July, 14-21 August

Low energy on H8: 8-14 August, 3-10 September



Normal MD: beam starts at 8h

Long MD: beam starts at 12h

2002 Schedule Discussion

- Three periods, 3 Main User Weeks + useful Pixel co-user time
 - 15 days 27 May - 12 June ◆ *Follows first Irradiation*
 - ◆ *New K5/KB Endcap Modules*
 - ◆ *First Production Barrel Module Batch Q/A ?*
 - 14 days 3 - 17 July
 - 7 days 21 - 28 August *NB: Tiles co-user week not worth the effort*
- SPS run is a few days shorter but starts much earlier compared to 2001
- Next 25ns run is not until **April 2003** at the earliest
- One week this year with 8-10 modules should be devoted to ATLAS-like **high-intensity, high-rate, long-term running**
- **Please advise ASAP suggested measurements or modules to be tested**