

ARIEL Science Workshop 2016

Thursday, July 21st, 2016

TRIUMF Auditorium

09:00-10:30 ARIEL Update (Convenor: Thomas Brunner)

09:00 Introduction
09:10 Project Overview
09:30 BL4N
09:45 E-Linac
10:00 ARIEL Electron Target Station and Radioisotope
Production Concepts

Jon Bagger
Eric Guetre
Iouri Bylinski
Shane Koscielniak
Pierre Bricault

10:30-10:45 Break

10:45-12:00 ARIEL Update II (Convenor: Monika Stachura)

10:45 RIB transport system
11:15 Multi-User Operation and ISAC Refurbishment
11:45 Design and Fabrication of an SRF Separator for the
ARIEL e-Linac

Marco Marchetto
Bob Laxdal
Doug Storey

12:00-13:00 Lunch (lunch is not provided)

13:00-14:40 Equipment I (Convenor: Alan Chen)

13:00 Nuclear Astrophysics with HIgS - the High Intensity
gamma-ray Source
13:30 The Polariser at ISAC: current status and future possibilities
13:55 LaBr for DRAGON
14:15 Si Barrel

Richard Longland (invited)
Matt Pearson (invited)
Chris Ruiz (contributed
second)
Dennis Muecher (invited)

14:40-15:00 Coffee

15:00-17:00 Equipment II (Convenor: Rod Clark)

15:00 BetaNMR in the ARIEL era
15:25 Musings on EMMA Trap
15:50 CryoMPET: the Cryogenic Upgrade to TITAN's Mass
Measurement Penning Trap
16:05 Open Discussion
16:25 Summary and Conclusions

Andrew Macfarlane
(invited)
Dan Lascar (invited)
Erich Leistenschneider
(contributed first)

Moderated by Chair
Greg Hackman