

***ATLAS 25<sup>th</sup> Anniversary Celebration***  
October 22-23, 2010  
*Physics Division, Argonne National Laboratory*  
Building 203, Auditorium

**Friday, October 22: The Past as Prologue**

8:00 – 8:30 Registration and coffee

Chair: R.V.F. Janssens

8:30 – 8:45 Welcome by Laboratory Director and ALD

E. Isaacs/S. Streiffer

8:45 – 9:30 Summary of the History of ATLAS

W.F. Henning

Chair: B.B. Back

9:30 – 10:30 Reminiscences

10:30 – 10:50 **Break**

Chair: J. Nolen

10:50 – 11:25 The Impact of ATLAS on SRF Development and Applications

R.E. Laxdal

11:25 – 12:00 Technical Challenges in Low-velocity SRF Development

M. Kelly

12:00 – 12:25 Offsprings of ATLAS - the Florida State Linac and RESOLUT

I. Wiedenhoever

***LUNCH***

Chair: M. Riley

13:30 – 14:10  $\gamma$ -rays at ATLAS over the years

L. Riedinger

14:10 – 14:50 AMS at ATLAS

W. Kutschera

14:50 – 15:15 Characterizing Heavy-Ion Reactions

J.P. Schiffer

15:15 – 15:35 **Break**

Chair: R.H. Siemssen

15:35 – 15:55 The Fragment Mass Analyzer (FMA) & Proton Emitters

C.N. Davids

15:55 – 16:15 Highlights of Research with the FMA & Future Perspectives

D. Seweryniak

Chair: S.J. Sanders

16:15 – 16:40 APEX & the Uranium Upgrade

R.R. Betts

16:40 – 17:05 Physics with Stopped Beams

J.A. Clark

17:10 – 18:00 **ATLAS Open House**

18:45-19:15 **Cash bar at Argonne Guest House**

19:15 **Dinner**

Chair: J.P. Schiffer

After dinner speech

P. Paul

**Saturday, October 23: Plans for Future**

Chair: S.J.Freeman

9:00 – 9:10	The perspective by the Office of Nuclear Physics	T. Hallman
9:10 – 9:50	Astrophysics and In-flight RIBs Present/Future at ATLAS	E. Rehm
9:50 – 10:15	HELIOS	B.B. Back
10:15 – 10:40	Transfer Reactions before and with HELIOS	A.H. Wuosmaa

10:40 – 11:10 **Break**

Chair: J.C. Hardy

11:10 – 11:35	The Future of Nuclear Structure at ATLAS with Gamma-rays	C. J. Lister
11:35 – 12:05	ATLAS Upgrade Plans – Science	G. Savard

Chair: D. Sarantities

12:05 – 12:35	ATLAS Upgrade Plans – Technology	P. Ostroumov
12:35 – 13:00	Concluding Remarks & User Perspective	W. Loveland
13:00	<b>Adjourn</b>	