



... for a brighter future

User's Meeting

and the

APS Renewal

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Today

Status of the APS Renewal

Planning for the 2009 User's Meeting



U.S. Department
of Energy

UChicago ►
Argonne_{LLC}



The APS Renewal Steering Committee

- **Denny Mills** Deputy Director, X-Ray Science
- **Rod Gerig** Deputy Director, Accelerators
- **George Srajer** X-Ray Operation and Research
- **John MacClean** Computer Systems
- **Denis Keane** APS PUC Chair
- **Paul Fuoss** APSUO Representative
- **Bob Fischetti** Life Sciences Council Chair
- **Dan Neumann** APS SAC Representative

Goals of the APS Renewal Plan

- **Improve the stability, maintainability, and performance of the storage ring**
- **Upgrade beamlines with better optics, detectors, control software**
- **Provide more modern infrastructure to support the user science program.**
- **Generate scientific case for a Major Equipment Proposal (MIE)**

Details at: <http://www.aps.anl.gov/Renewal/>

Timeline of the APS Renewal Plan

<i>May 28</i>	<i>Solicit science team members, 91 users volunteer</i>
<i>June 16</i>	<i>Select Science Team Chairs</i>
<i>Sept. 15</i>	<i>Draft Science Cases due</i>
<i>Oct. 21 & 22</i>	<i>APS Renewal Workshop Š discuss draft reports and identify further needs and concerns</i>
Nov. 26	Finalized Science Cases
Jan. 15	Full report of Science Case
May 4-6	UserŐsMeeting to Focus on APS Renewal
TBD	Conceptual Design

Themes from the Science Cases and Workshops

- **Mastering Hierarchical Structures Through X-Ray Imaging**
- **Real Materials in Real Conditions in Real Time**

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- **Shorter meeting than past few years (three days) with mostly plenary sessions**
- **Focus sessions on scientific and technical frontiers**
- **Fewer workshops concentrated on areas important to the APS Renewal process (proposals due January 9)**

Working Schedule

	Sunday, May 3	Monday, May 4	Tuesday, May 5	Wednesday, May 6
Morning		APS Status	Science Focus Session	
Lunch				
Afternoon		Science Focus Session	Science Focus Session	
Late Afternoon			Awards	
Evening		Registration and Reception	Poster Session and Reception	

Community Action Items

- **Suggestions for focus session speakers**
(send to fuoss@anl.gov)
- **Workshop Proposals**
(send to Dave Tiede, tiede@anl.gov)
- **Nominations for the Compton Award**
(to be determined)
- **Poster session submissions and student award**
(to be determined)