



Damping Ring KOM Draft Agenda

A. Wolski

Global Design Effort



Overview

	Monday 5.11	Tuesday 6.11	Wednesday 7.11
AM 1	Part I design & cost review	Part II EDR plans Overview	Part III cont. Detailed WP discussions
AM 2	Part I cont. design & cost review	Part III Detailed WP discussions	Part IV Discussion & close out
PM 1	Part I cont. design & cost review	Part III cont. Detailed WP discussions	
PM 2	Part I cont. design & cost review	Part III cont. Detailed WP discussions	

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Part I: Monday 5.11

Assess maturity and completeness of RDR design and value estimate

Series of talks presenting system configuration and basis for value estimate, and detailing the value estimate itself:

- | | | |
|---|---------------------|-----------|
| • Configuration overview (and beam dynamics drivers for baseline configuration) | Wolski | 1 hour |
| • Lattice - summarizes RDR design (OCS6), and presents plans for EDR design | Xiao/Emery | 0.5 hour |
| • CF&S | | |
| • Magnets (including wiggler) and power supplies | Lackowski | 1 hour |
| • Vacuum | Palmer | 1 hour |
| • RF | Malyshev/Reid/LBNL? | 1 hour |
| • Others: | Boni/Guiducci | 0.5 hour |
| – Instrumentation and diagnostics | Wendt? | 0.5 hour |
| – Cryogenics | Peterson? | 0.25 hour |
| – Controls | Carwardine? | 0.25 hour |
| – Feedback systems | Drago, Guiducci | 0.25 hour |

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Part II: AM Tuesday 6.11

Evaluate plans for EDR design work.

Urakawa
Wolski

- Overview 0.75 hour
 - **Work Package lists**
 - **Tasks**
 - **Milestones**
 - **Resources**

- Organizational Structure 0.75 hour
 - **Communications**
 - **Coordination**
 - **Accountability**



Part III: AM Tuesday 6.11

Examine proposed Work Packages

- Series of talks presenting issues, tasks, including
 - R&D, technical design and engineering, as appropriate),
 - milestones and resources in more detail.
- CFS issues (?) 1 hour
- Alignment & Survey (?) 0.5 hour



Part III cont.: PM Tuesday 6.11

Examine proposed Work Packages (cont.)

- | | | |
|---|---------------|---------|
| • WP12: Injection and extraction kickers | Mattison | 0.75 hr |
| • WP3: Electron cloud | Pivi* | 0.75 hr |
| • WPs 2,4,5,6,7,13,15:
– Other (i.e. non-ecloud) beam dynamics
– instrumentation and diagnostics
(two or more presenters from KEK, SLAC, LBNL...) | | 1 hr |
| • WP8: Vacuum | Malyshev/LBNL | 0.5 hr |
| • WPs 9,10: Magnets and power systems | ?? | 0.5 hr |

*) possibly Palmer, if CesrTA looks like it will fly

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Part III cont.: AM Wednesday 7.11

Examine proposed Work Packages (cont.)

- WP11: RF 0.25 hr
 - Major issue here - we really need work done, and I don't know who will do it
- WP14 Abort systems Zisman? 0.25 hr
- WP16: Systems integration ?? 0.5 hr



Part IV: AM Wednesday 7.11

- Issues arising 1 hour
 - **Probably revisiting Part II especially**
 - Communications
 - Coordination
 - Accountability
- Close out 0.5 hour