

Accelerator are system

Damping Ring

RTML

Beam Delivery System

ADI

Beam optics issues

- Lattice integration
- Emergency abort

Beam Dynamics issues

- S2E simulation
- Commissioning

Other ADI issues

Beam Optics Design

- Total system design
- Beam optics design
- Component counts
- Integration of hardware information (costs, power, cooling water)

Beam Dynamics

- Performance specification

DR specific hardware

- Component design
- Costs, power, cooling water

Beam Optics Design

- Total system design
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Beam Optics Design

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- Performance specification

DR specific hardware

- Component design
- Costs, power, cooling water

Technical system

Instrumentation

DR instrumentation

- Component design
- Costs, power, cooling water

RTML instrumentation

- Component design
- Costs, power, cooling water

BDS instrumentation

- Component design
- Costs, power, cooling water

Magnet

DR magnet

- Component design
- Costs, power, cooling water

RTML magnet

- Component design
- Costs, power, cooling water

BDS magnet

- Component design
- Costs, power, cooling water

DR

DR RF

- Component design
- Costs, power, cooling water

RTML RF

- Component design
- Costs, power, cooling water

BDS RF

- Component design
- Costs, power, cooling water

Vacuum

DR vacuum

- Component design
- Costs, power, cooling water

RTML vacuum

- Component design
- Costs, power, cooling water

BDS vacuum

- Component design
- Costs, power, cooling water