

Beam Dynamics Magnets

1st XBEAM-XRING Workshop

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Darmstadt, Germany

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TOPICS

Magnet field mapping	Nonlinear dynamics
Multipole measurements	Emittance growth
Magnetic field in elliptical chambers	Beam loss
3D vs. 2D description	Space charge
Magnet design	Lattice modeling
Mathematical models	Tracking and multipoles

