Title
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X-ray Mirror Design, Fabrication, and Metrology: 
Current Status and Perspectives

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Abstract

We will review the current status and perspectives of x-ray mirror design, fabrication, and metrology to respond to the demand for optics for next generation light sources. The presentation will be based on our own experience, as well as on materials and discussions from two recent meetings: the International Workshop on X-ray Mirror Design, Fabrication, and Metrology (September 22-24, 2009, Osaka University, Suita, Osaka, Japan), and the EuroFEL Workshop on Photon Beamlines and Diagnostics (June 28–30, 2010, DESY, Hamburg, Germany).

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