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## ICFA deflecting cavity workshop summary

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A summary of the workshop held on Sept 1-3, 2010 to review the current state of the art deflecting cavity technologies and their application in high energy collider (LHC, KEK-B, ILC, CLIC, LHeC), generation of short x-ray pulses in synchrotron light sources (APS, Spring-8), beam manipulations, emittance exchange and diagnostics. Strategies on cavity design optimization and challenges confronting novel concepts.

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