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Title: IRIS AO MEMS Deformable Mirrors for Astronomy.

After a brief description of the Iris AO company model, history, and products, I will describe the use of our MEMS-based deformable mirrors for ground-based and space-based astronomy. This includes uplink correction of Laser Guide Star, injection in Fiber or Integrated Optics Instruments, atmospheric correction for AO systems, and simulation of segmented mirror telescopes in testbeds. I will then conclude by discussing future products and anticipated technological developments at Iris AO.