Contribution ID: **518** Type: **Poster Presentation**

Laser mode control using an intracavity spatial light modulator

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Abstract content
   (Max 300 words)

The fundamental mode of a cavity may be selected by suitable choice of intra-cavity amplitude or phase elements. Static methods include apertures and other obscurations, as well as diffractive optical elements inserted into the cavity. Until now, dynamic intracavity beam control has been possible using deformable mirrors. We present early results on the intra-cavity use of SLMs, and highlight some expected and unexpected problems.

Apply to be
 consider for a student
   award (Yes / No)?

No

Level for award
 (Hons, MSc,
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N/A

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No

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