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Type: **Oral Presentation**

## The Pinhole Camera: A fascinating optical device for physics freshmen.

*Wednesday, 13 July 2011 12:00 (15 minutes)*

A simple pinhole camera was used to demonstrate to students that light travels in a straight line. The one to one correspondence between a point on the object and a point on the image was used to explain why the image was upside down and reversed from left to right.

**Level (Hons, MSc,   
 &nbsp; PhD, other)?**

other

**Consider for a student   
 &nbsp; award (Yes / No)?**

no

**Would you like to   
 submit a short paper   
 for the Conference   
 Proceedings (Yes / No)?**

no

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**Session Classification:** Education

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