

# Interactive Hologram Display Environment: HIDE

Imaging & Display Research Group De Montfort University, Leicester

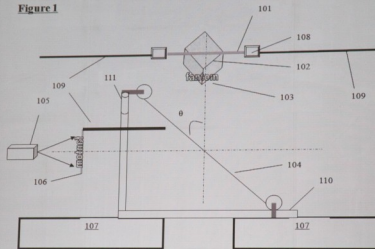
Prof. Martin Richardson

Vivian Amos Sureshkumar (PhD Candidate)

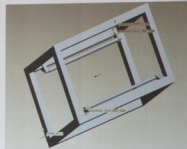
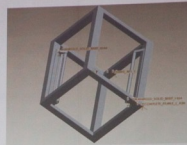
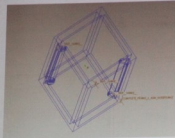
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Holography

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Figure 1



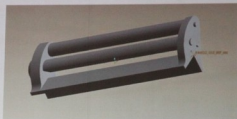
## Rough Sketch of the Setup



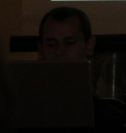
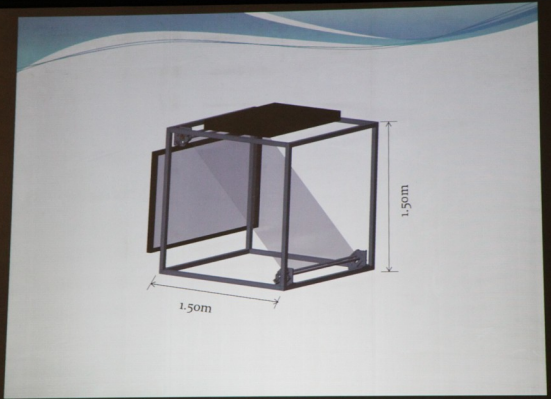
## Size Comparison



### First Designs of Roller System



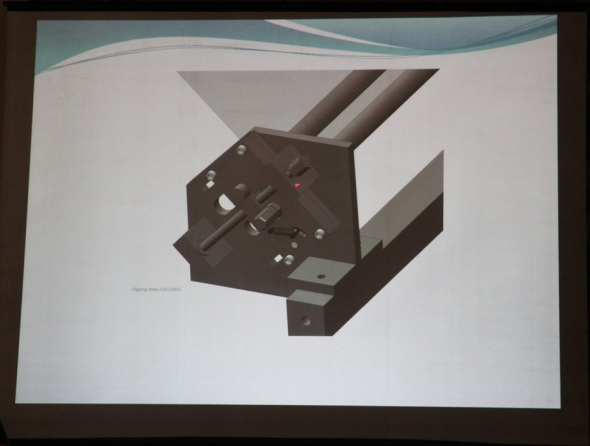
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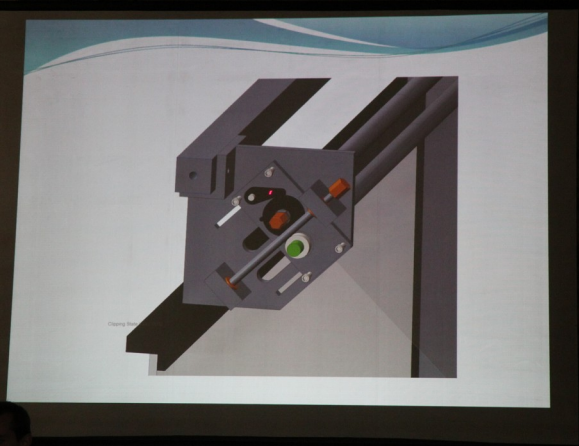
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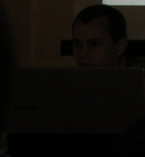




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## Advantages of Roller System

- Easy to mount the Holographic film
- Provides better gripping of the Holographic film
- Free from wrinkle formation resulting in an aberration-free image
- Avoids sagging of the Holographic film
- Offers a wide degree of freedom adjusting the required angle.