



**SEMINARIO DE IMÁGENES Y VISIÓN**  
**INSTITUTO DE OPTICA (CSIC)**



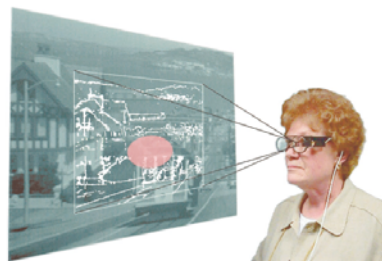
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**Assistive Devices for Impaired Vision**

**Prof. Eli Peli**

**Schepens Eye Research Institute, Harvard Medical School**

Vision Multiplexing—Peli



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**Abstract**

*A novel concept of vision multiplexing combines the benefits of a wide field-of-view with high resolution to enable people with impaired vision regain the lost function without losing the surviving one. In optical and electro-optical devices we implemented spatial multiplexing by superposition or shifting, by temporal multiplexing (alternating) or by presenting different images to the two eyes, and with combinations of the various approaches. We will illustrate these approaches and their benefits with examples of various implementations for varying vision impairment conditions..*

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**Lunes, 18 de Octubre 2010**

**12:30 horas**

**Sala Juntas. Serrano 121, Madrid**

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**Información:**

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