



HP Labs Gaming Demonstrations

Panoply

Using multiple, inexpensive projectors, Panoply creates a seamless, curved display that fills a gamer's field of view, increasing realism and immersion. The image is created using a fast, automatic, camera-assisted calibration process that avoids the need for precise projector aiming. Beyond gaming, Panoply could be used for a wide range of other applications, including remote collaboration, home theater and scientific visualization. It is being considered for use in HP's Halo telepresence product.

Pluribus

Pluribus is a core enabling technology that combines the power of multiple inexpensive projectors to quickly and automatically create a scalable "super-projector" capable of high resolution, great brightness, deep contrast, high frame rate and a wide color gamut. Pluribus is the only multi-projector system that automatically delivers vivid image quality, no matter how the projectors are configured. It eliminates costly and time-consuming manual tweaking for each projector required by today's multi-projector systems. Pluribus could have a significant impact on display markets including gaming, digital cinema, event projection, collaboration and visualization.

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Misto

Misto is a research project that looked at the social dynamic of multiple users in the same location interacting simultaneously with digital content. In this case, it involved a computer with a large touch screen set in a coffee table. The technology could be used for gaming, education and interactive professional or personal media applications. Potential environments include the home, office, reception areas or other places where people congregate, such as airports, hotel lobbies and shopping malls.

mscope

mscope is a way to lay multimedia digital experiences – including text, audio and video – on a physical landscape, creating a "mediascape" that enriches the experience of interacting with a specific location. Pocket PCs or cell phones equipped with GPS or other sensing technologies provide users with a way to detect and access information from the world around them. Applications could include gaming, education, tourism and location-based services.

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8/2006

