

Digital Amphitheater: Scaling Internet Multimedia Conferencing

Sponsored By: DARPA

*Performed By: University of Southern California/
Information Sciences Institute (USC/ISI)*

Description:

An amphitheater serves as a meeting place where hundreds of people can share an information experience – attend a lecture, a theatrical event, or a discussion forum.

The digital amphitheater emulates this form of communication as a virtual experience over SuperNet/Abilene.

Key features include an agent based application layer multicast architecture plus synthetic background substitution that allow the system to scale to large groups while maintaining a sense of presence.

www.east.isi.edu/projects/NMAA/

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