

# DeepConference: A complete conference in a picture

*Tuesday, March 24, 2009 8:00 AM (20 minutes)*

Particle physics conferences lasting a week (like CHEP) can have 100's of talks and posters presented. Current conference web interfaces (like Indico) are well suited to finding a talk by author or by time-slot. However, browsing the complete material in a modern large conference is not user friendly. Browsing involves continually making the expensive transition between HTML viewing and talk-slides (which are either PDF files or some other format). Further the web interfaces aren't designed for undirected browsing. The advent of multi-core computing and advanced video cards means that we have more processor power available for visualization than any time in the past. This poster describes a technique of rendering a complete conference's slides and posters as a single very large picture. Standard plug-in software for a browser allows a user to zoom in on a portion of the conference that looks interesting. As the user zooms further more and more details become visible, allowing the user to make a quick and cheap decision on whether to spend more time on a particular talk. The project, DeepConference, has been implemented as a public web site and can render any conference whose agenda is powered by Indico. The rendering technology is powered by the free download, Silverlight. The poster discusses the implementation and use as well as cross platform performance and possible future directions. A demo will be shown.

## Presentation type (oral | poster)

poster

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**Session Classification:** Poster session

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