

# Karaoke Grid

## A mode of Entertainment Grid



The Karaoke Grid is assembled technologies configured to produce virtual karaoke rooms on the Grid. It is based on Access Grid™ technology. Karaoke Grid nodes combine from all over the city, the country, and the world to form virtual Karaoke rooms (like “venues” on Access Grid), where people can share a JOY of singing together. Karaoke is a good way for people to learn about and become closer to each other. When combined with Grid technology, this mode of entertainment is expected to break through the boundaries of distance and provide an opportunity to meet others. This is a joint effort between **XING INC.**, a leading karaoke service provider, **AIST**, **Waseda University**.



### Trans-global karaoke session at the SC Global Conference, Phoenix, Arizona

■ The session begins at 3:45 PM on Nov 20 at the Showcase on the exhibit floor. Join us and sing.

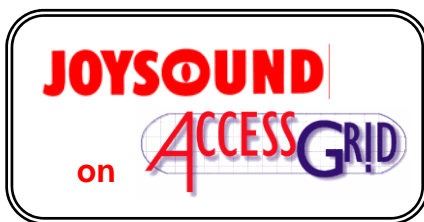
### Ongoing Challenges

- **Audio latency** due to natural and artificial causes: distance (light speed is limited) and buffering to tolerate packet transmission jitter.
- **Audio-video synchronization.**
- **Matching** method of singing people: How can we find harmonious partners?



Karaoke-enabled Delivery Grid node (portable and full-featured Access Grid node)

PIG-based Karaoke Grid node (PIG: Personal Interface to the Grid)



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