Karaoke Grid
- A mode of Entertainment Grid

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You can just sing
on the Grid
in collaboration with your friends
The perspective of **Karaoke**

- Karaoke is an entertainment where we sing a (popular) song along an accompaniment. Singings are sole, duet or chorus.

- Usually, the singings are performed **locally**.

- With Grid Technology, this mode of entertainment **break through the boundary of distance** and provide an opportunity to meet others around the world.
The perspective of Grid

- An interesting entertainment application.
- How can Access Grid as a CSCW technology support human informal activities.
  - Tele-existence
  - Non-verbal communication
Karaoke Grid node

An AG node equipped with a karaoke machine.

PIG (Personal Interface to the Grid)  Delivery Grid node

JOYSOUND over ACCESS GRID  XING.AIST
Constellation Sites

- The Pacific Ocean 6,000 miles!
- 1 Gbps x 2
- 2.44 Gbps

U.S.
- Phoenix SC Global Showcase

Japan
- Warabi: XING karaoke box
- Waseda University

Other sites are expected to join us and sing.
Ongoing Challenges

Audio Latency

- If you feel difficulty with delayed singing, adjust the level of audio on RAT window.

Partner Search

- How can we find a good partner singing together?
Organizations

- A joint effort between
  - XING, INC
    - A leading karaoke service provider.
  - AIST
    - Japan’s largest research organization with 3,200 employees.
  - Waseda University
    - 1,200 full time staff and over 50,000 students.
Sing and Enjoy !