

HELSINKI UNIVERSITY OF TECHNOLOGY Department of Signal Processing and Acoustics

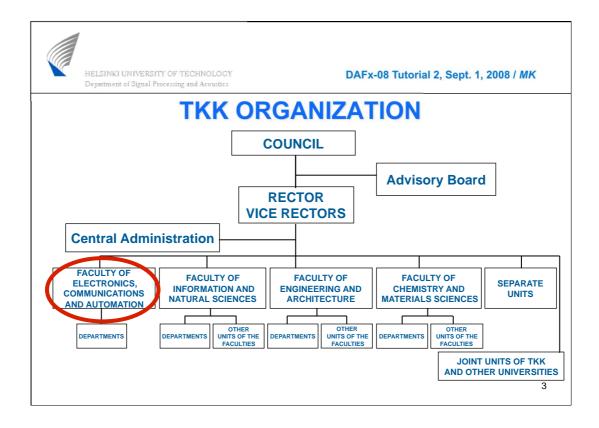
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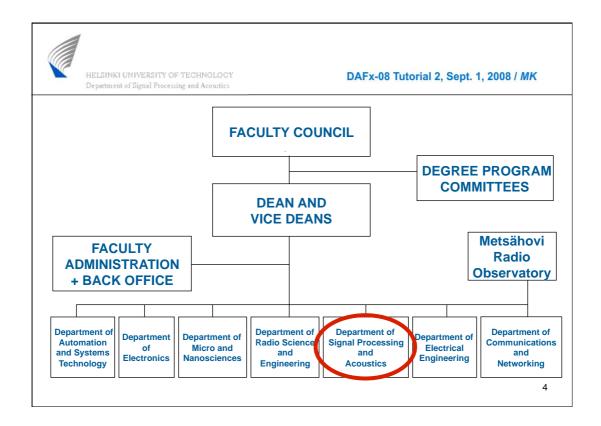
Current Directions in Audio Signal Processing Research at TKK

Matti Karjalainen

TKK - Helsinki University of Technology Department of Signal Processing and Acoustics (Espoo, Finland)

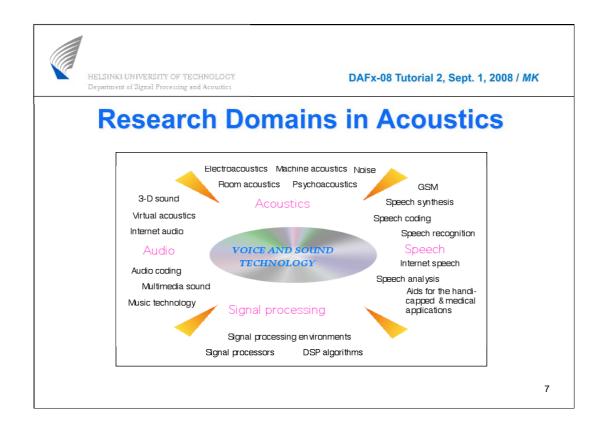


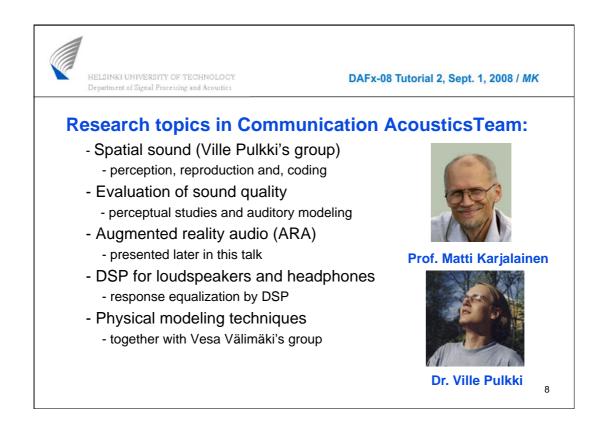




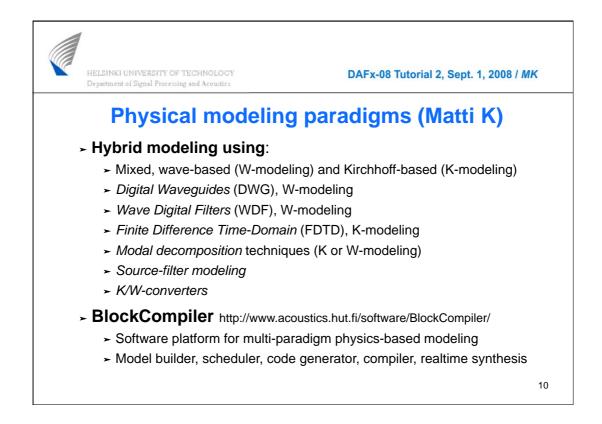


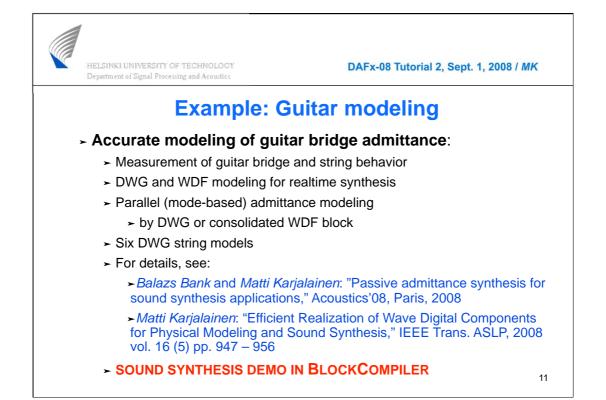


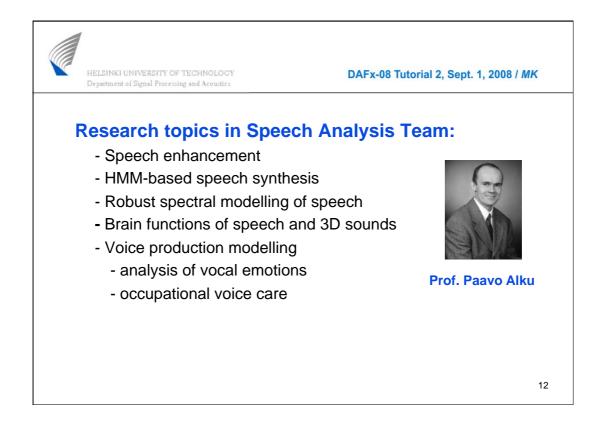


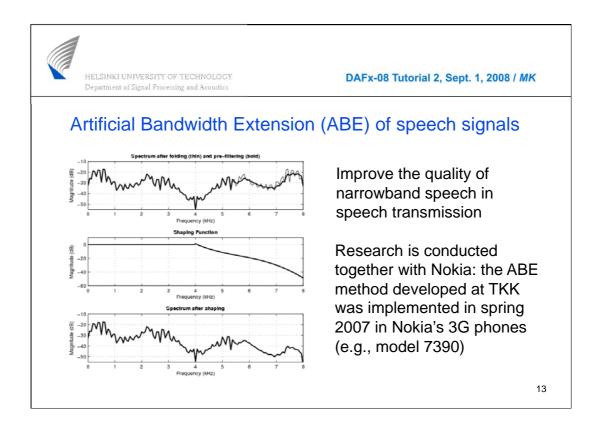


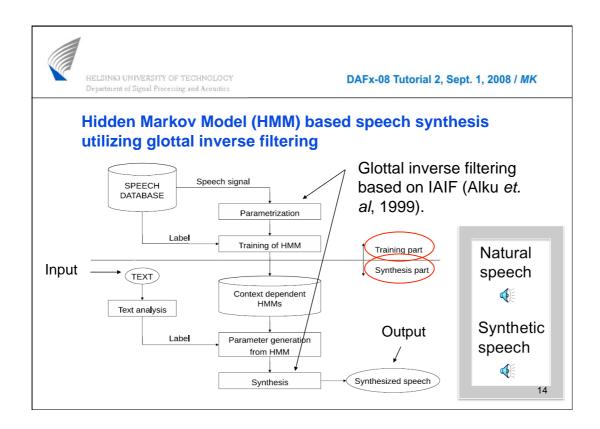


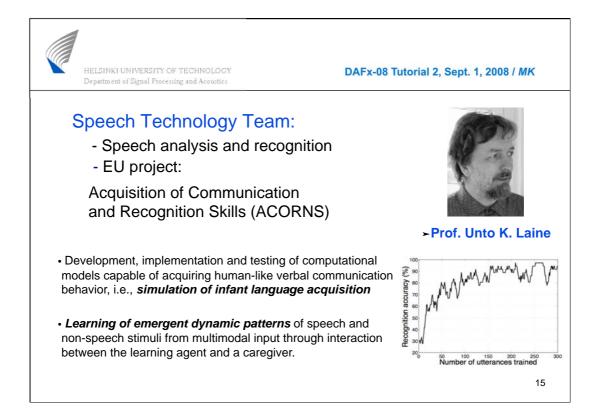


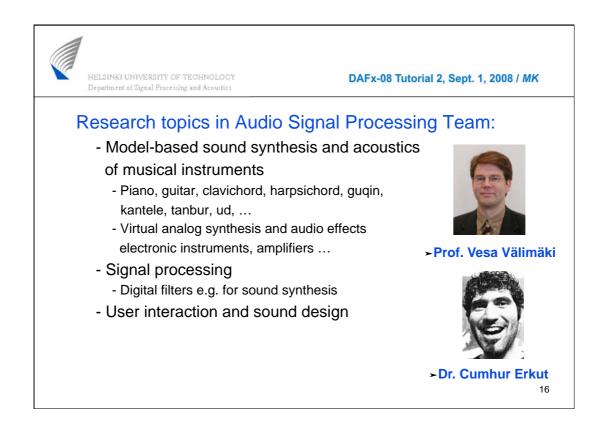


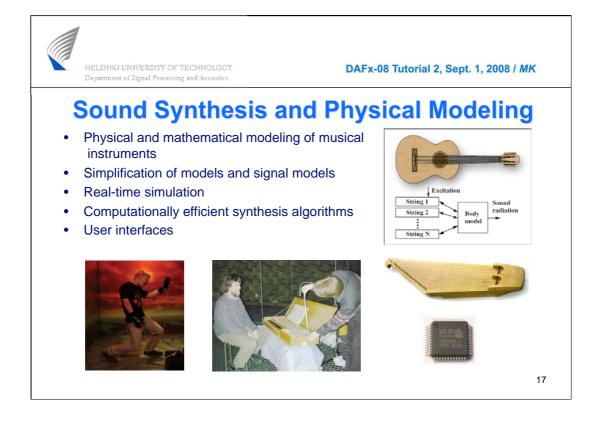


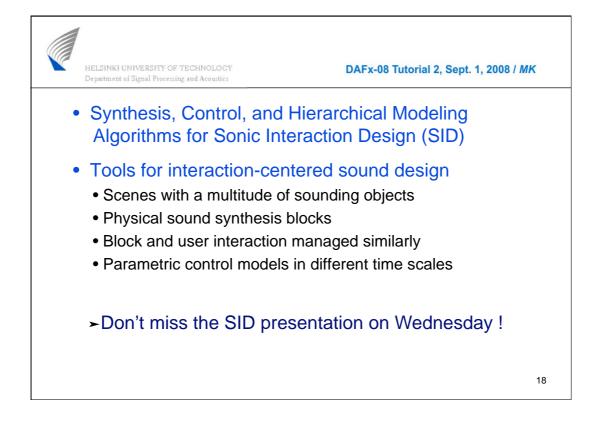


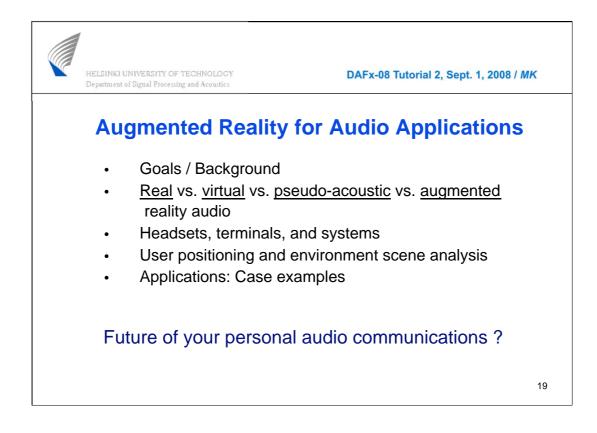


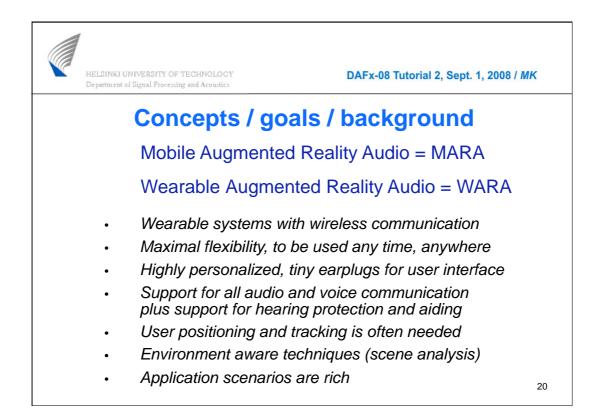


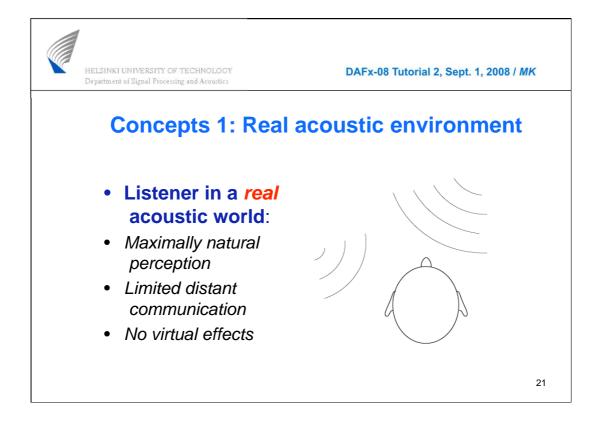


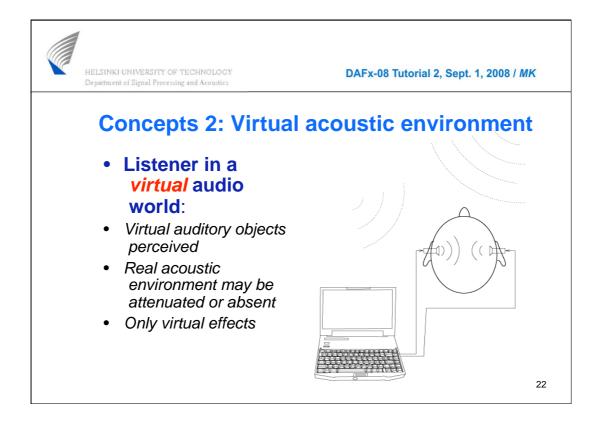


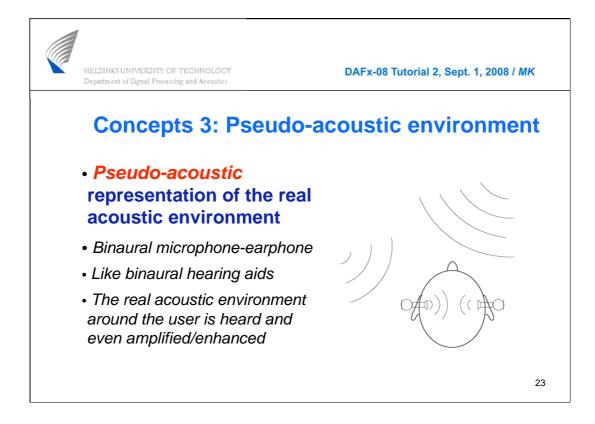


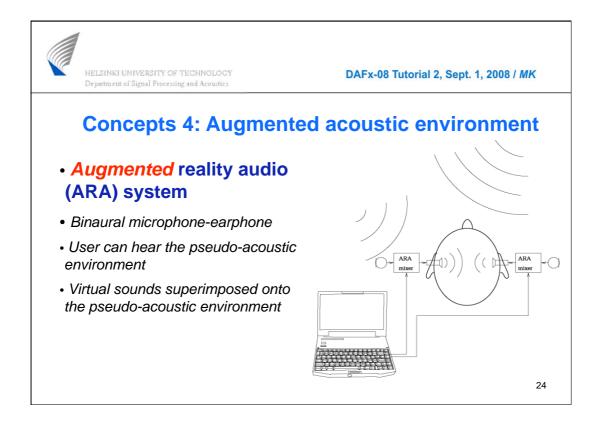


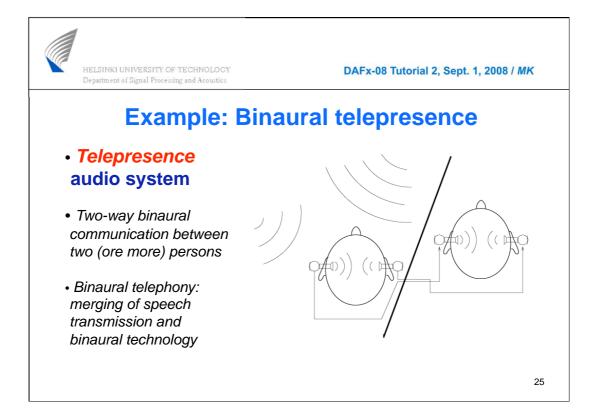


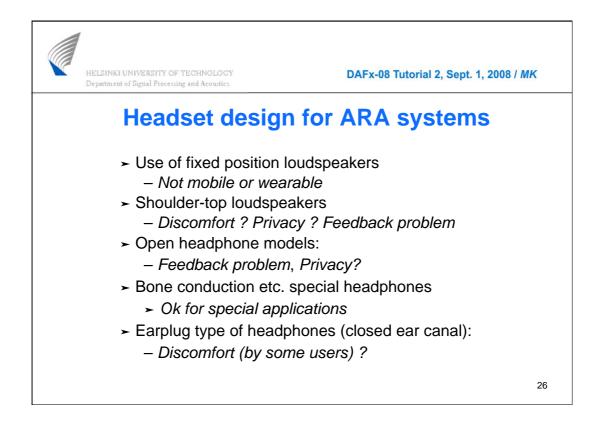




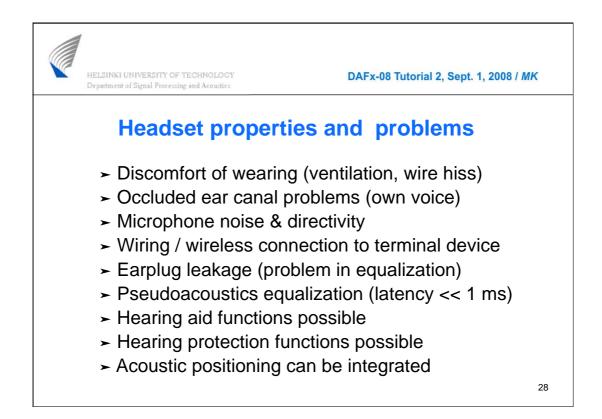


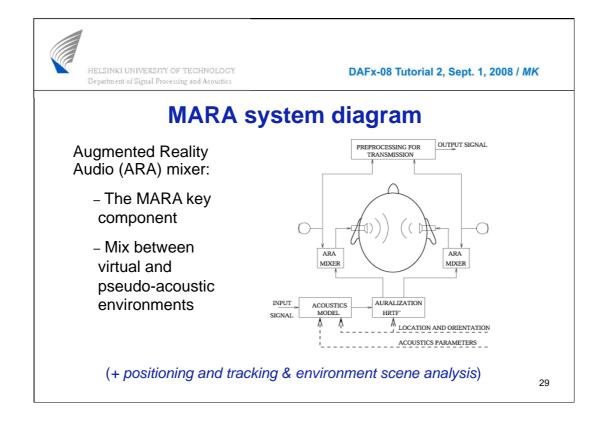


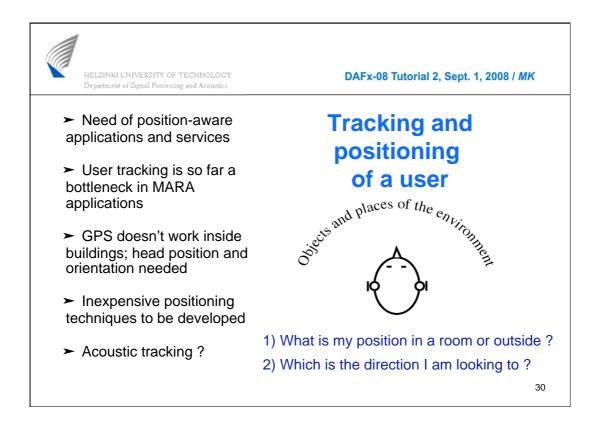


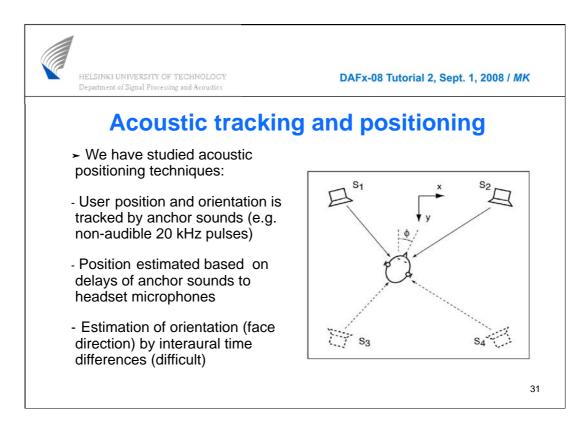


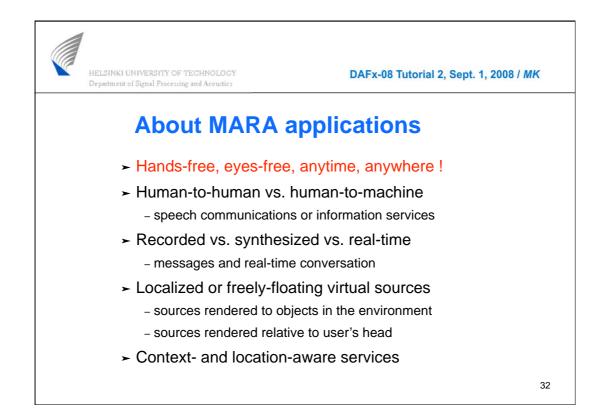


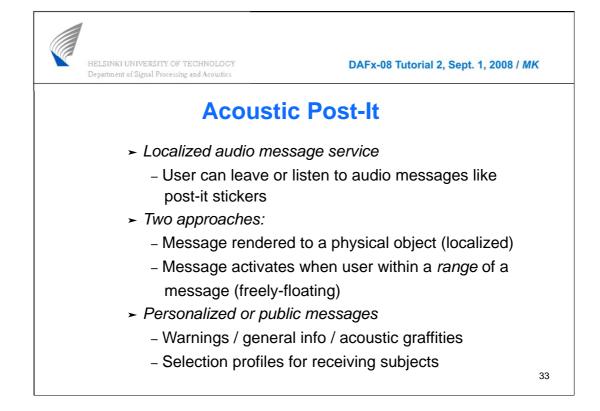


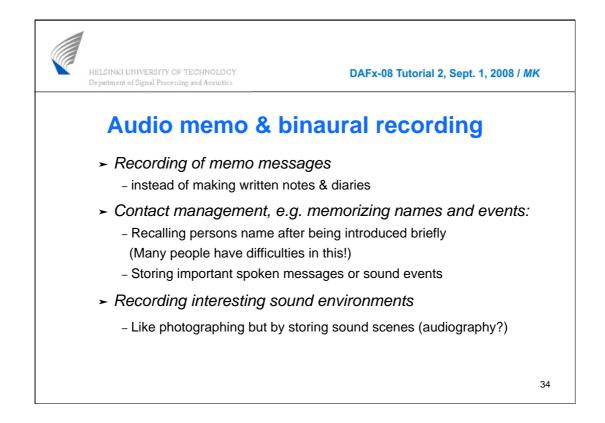


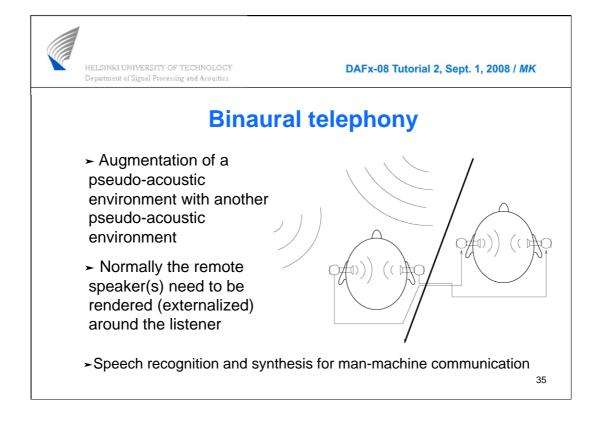


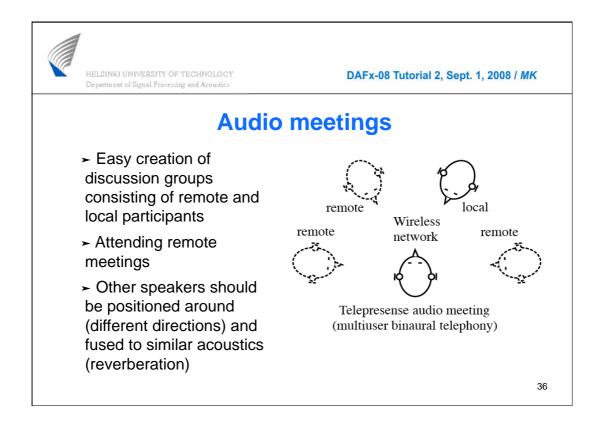




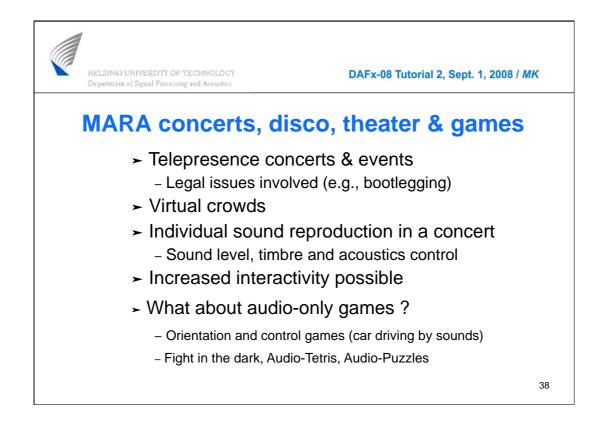














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DAFx-08 Tutorial 2, Sept. 1, 2008 / MK

Virtual audio tourist guide

- Automatic spoken / audio information of touristic objects, monuments, inside museums, etc.
- Looking at an object and command/gesture to start a story
- Destination and path finding guidance (e.g., public transport)
- "X-City today" info (cultural events of the city)
- GPS orientation by "auditory display"



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