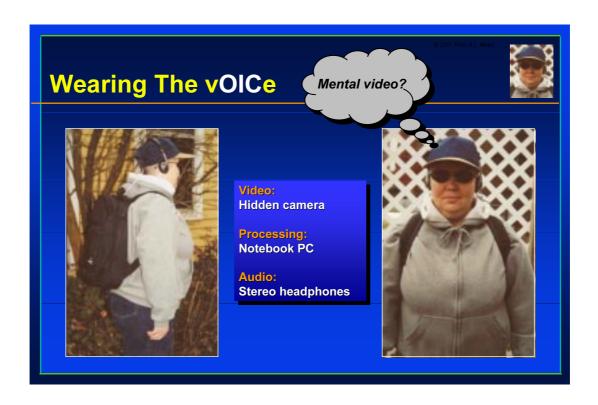
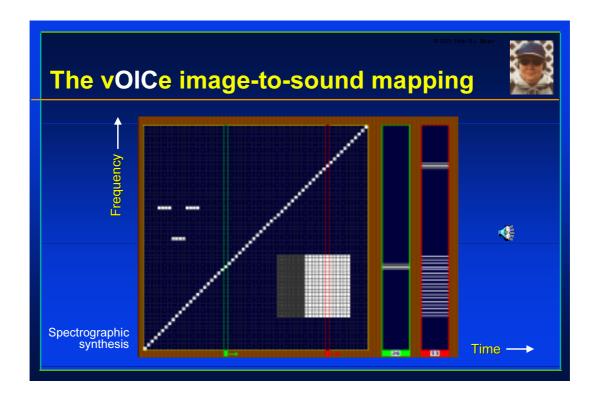


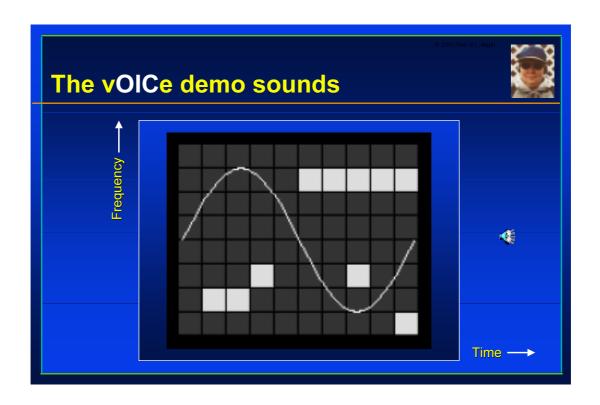


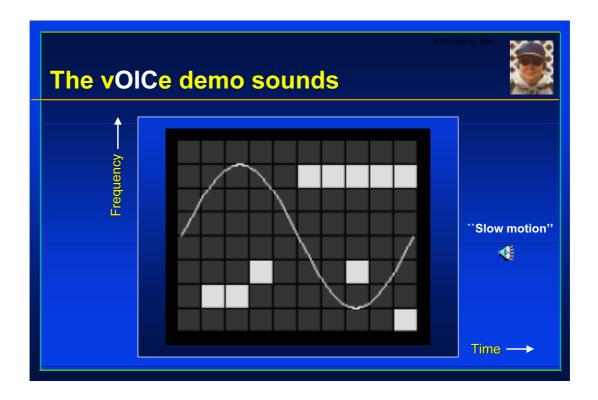
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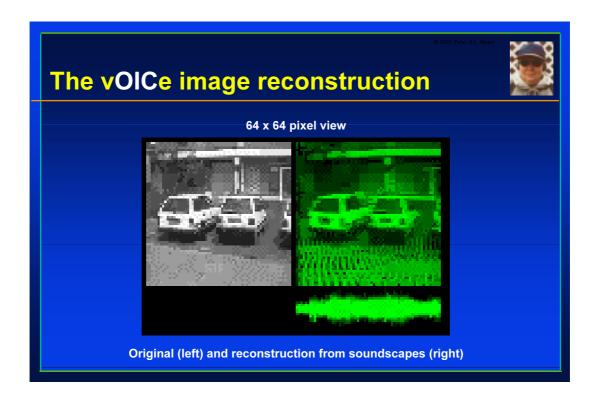
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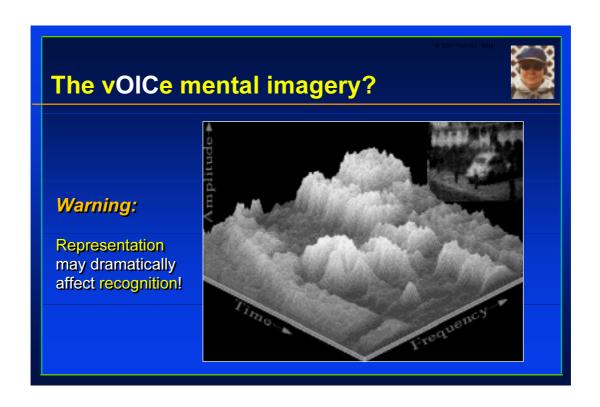


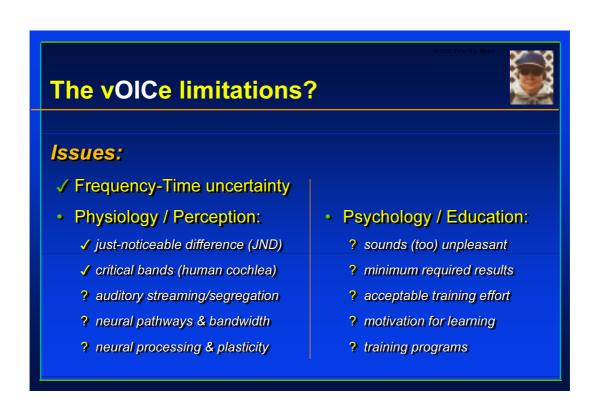
E-mail: Peter.B.L.Meijer@philips.com



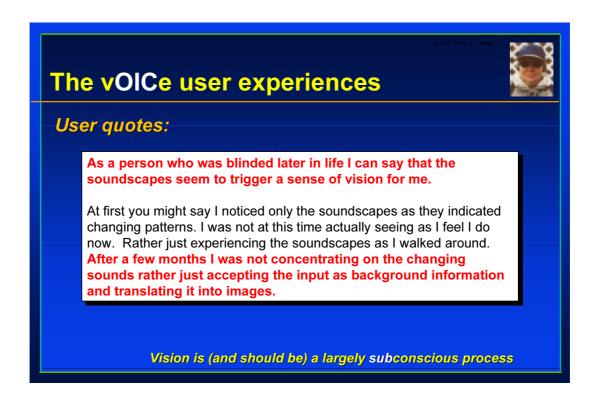


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The vOICe user experiences



User quotes:

Now to the question if what we hear is the same as seeing. I would say there is a grey area where yes indeed you are seeing using The vOICe and yet the entire information you receive using your eyes is more detailed, and complex. I do not know how far the brain can be trained to see using The vOICe program. Still compared to the grey emptiness of blindness it is truly a light in the darkness.

Currently I don't think about what I am hearing I just experience the program as if it was part of me. Unless I have to really concentrate I find I don't hear the soundscapes any longer. They are there but I forget to listen and just absorb the information.

The vOICe user experiences



User quotes:

What is significant to realize is The vOICe allows you to experience your surroundings in a 3-dimensional form. When I am not wearing the program my contact with the world is limited to sound and touch. When wearing the program you can extend these senses to include the sight the program provides. I look across my study while using the program and see the scanning table then the small book case in back of the table with an image of the door opening on the left of the scene. Take off the program and this full, rich environment of seeing different structures is lost and I am returned to perceiving the world in a flatten 2-dimensional form. Wearing the Seeing With Sound program is like stepping from total darkness into light.

www.seeingwithsound.com/users.htm

The vOICe questions...



Neuroscience / Psychology / Philosophy:

- Occipital lobe (i.e. "visual" cortex) activated by sound:
 Is that vision or "just" extended auditory processing?
- Measurable effects of neuroplasticity? What effects?
- Neural plasticity as a function of (critical) age?
- Is there anything truly special at all about vision?
- "Change blindness" defeated in seeing with sound?
- Relation to "Molyneux problem" ?

The vOICe questions... 17th Century "Molyneux problem" revisited? • Q: Would someone born blind, in case sight was restored, be able to tell a cube from a sphere by sight alone? A: "No" (according to John Locke & William Molyneux) • Q: Would someone born blind, using "seeing-with-sound", be able to tell a cube from a sphere by "sight" alone? A: "Yes" What does that mean?



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