

Relationship of Sound and Objects

- Sound and physical properties
 - Direct relation to, and evocative of, material properties and processes of an object (and the related meaning potential)

 - -> 1st order sound semantics: Information about artifact & use: Feedback, notification, (mecanical) processes
 - Several sounds can be combined to basic "narratives" 🔊 🔊
- Beyond sonic causalism and naturalism
 - Sound can give presence to a inexistent object or process mental models
 - Upon recording, sound develops a quality independent from it's original source
 - Abstract sounds may carry "traces" of physical processes (indices sonores matérialisants, Chion 1998)
 - Dialectical relationship: "Immaterial corporeality" (Connor 2004)
 - Association of sounds with soul or voice of things (Connor, Fischinger, Cage)
- · Goodbye authenticity, welcome schizophonia

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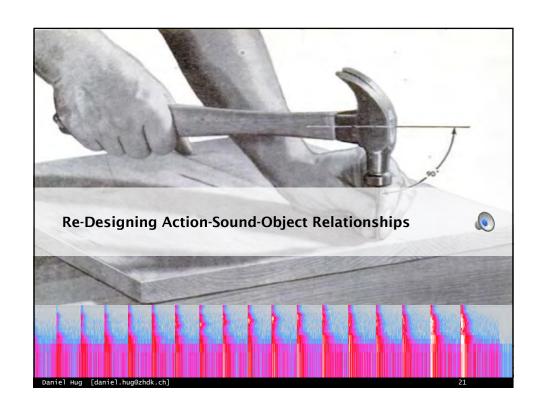
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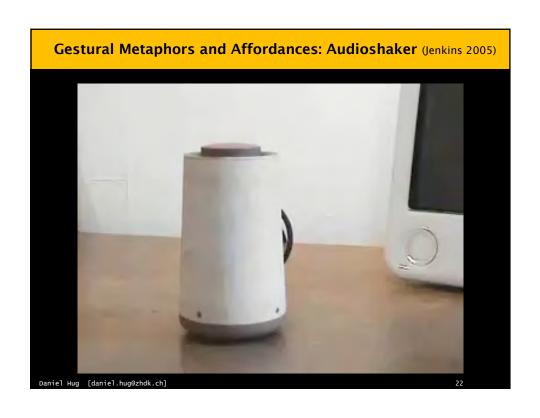
Expressive Performance, Sound - Action Relationships

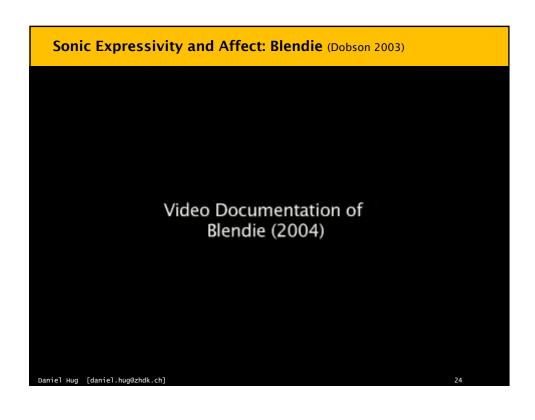
- Specific relationships between actions, movements, object qualities and sonic structures can be observed / designed
- Not necessarily isomorphous! 3 relationships (Chion 1998)
 - Isomorphous / direct link: Turning the throttle on a motorcycle
 - Link indirect, delayed or established through knowledge about it: Long, sustained tone of a violin
 - Not isomorphous, gesture triggers sound, which develops autonomously: e.g. hitting a gong.
- Manipulations vs. Trigger/hold relationships
- Ergo-Audition (Chion 1998):
 - Positive sign of own influence on world
 - More than just feedback: Meaningful, nuanced sounds evoke the "joy of hearing oneself"
 - "Differential of power"
 - Goal: design sustainable and meaningful sounds that are enjoyed during interaction.



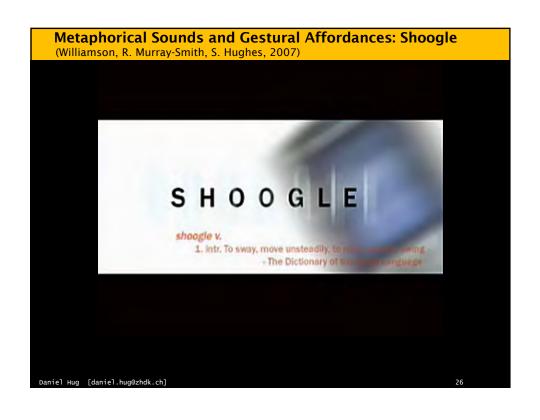
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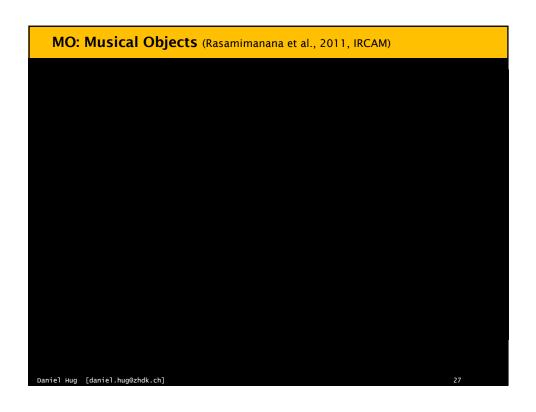


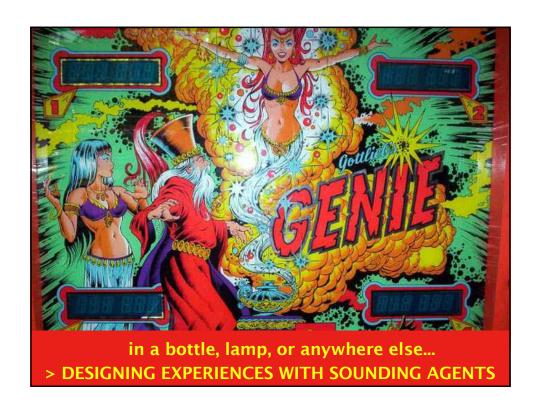


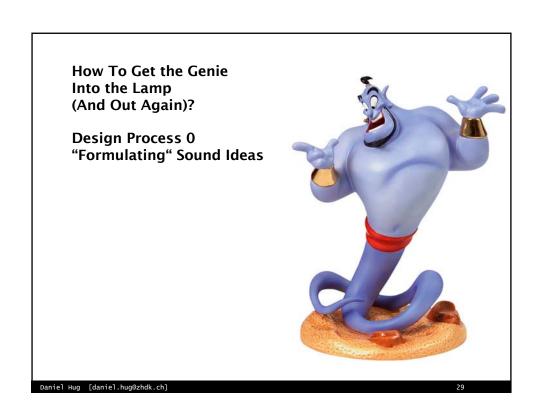


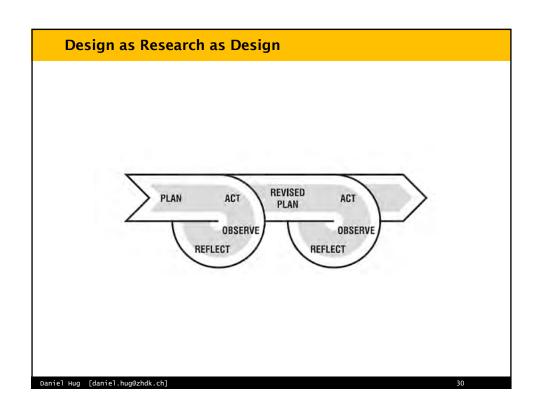


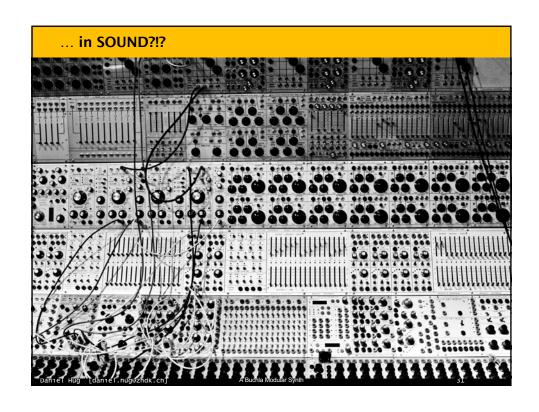


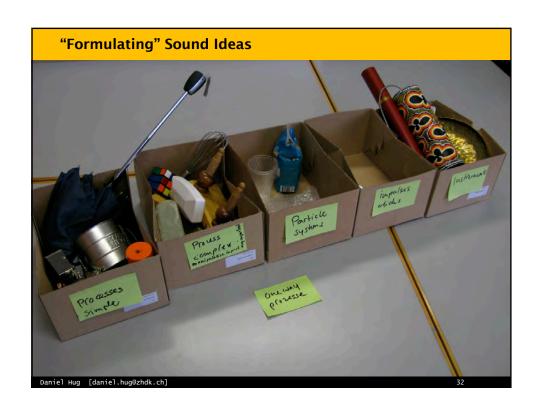


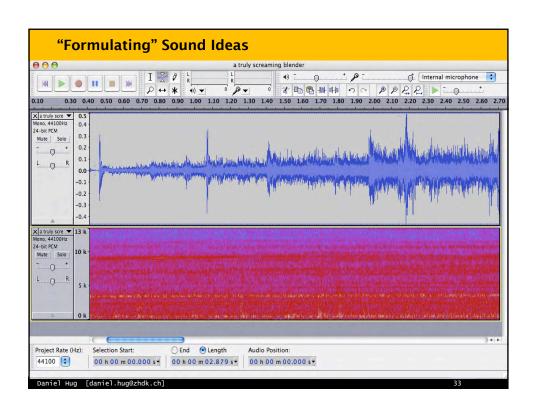


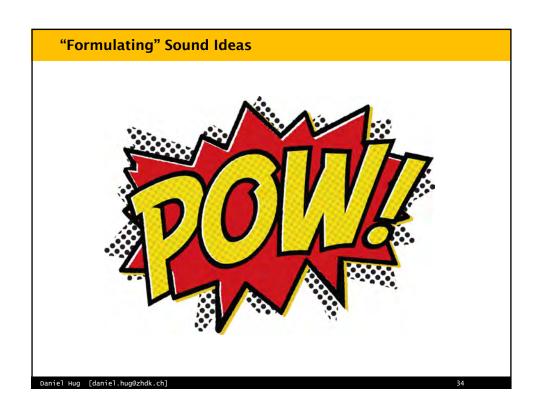


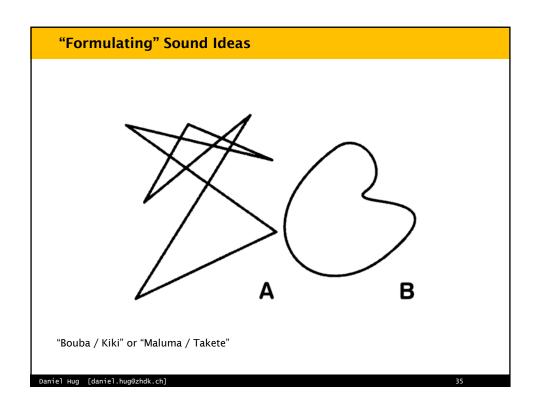


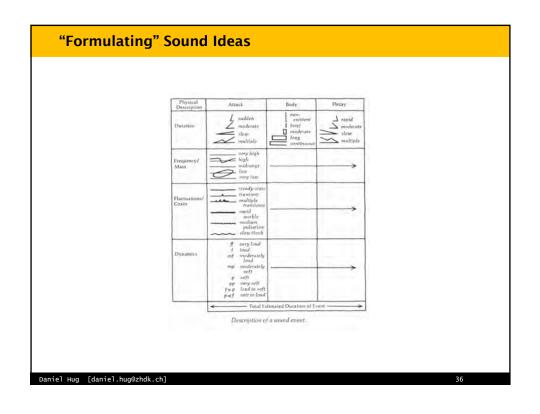


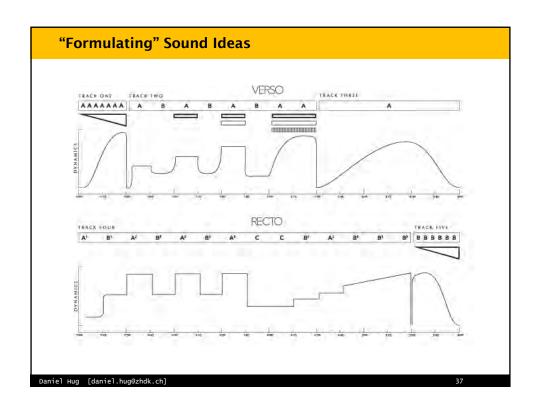


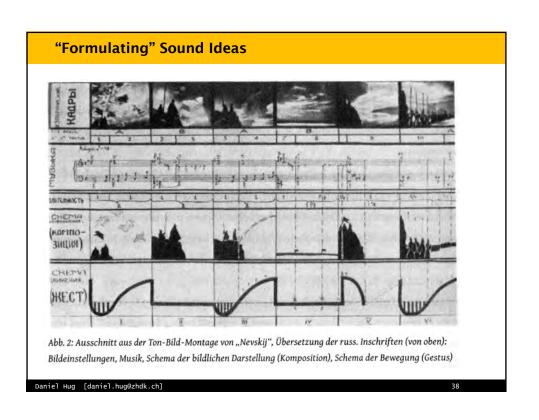


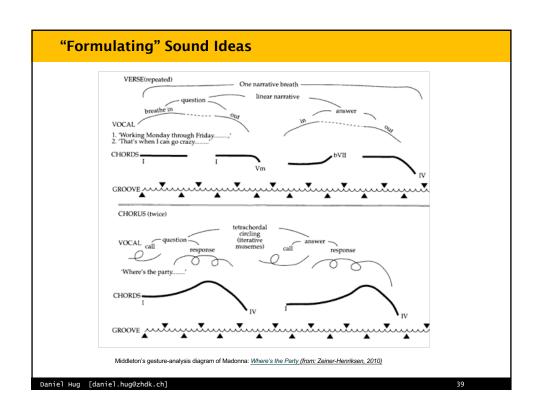


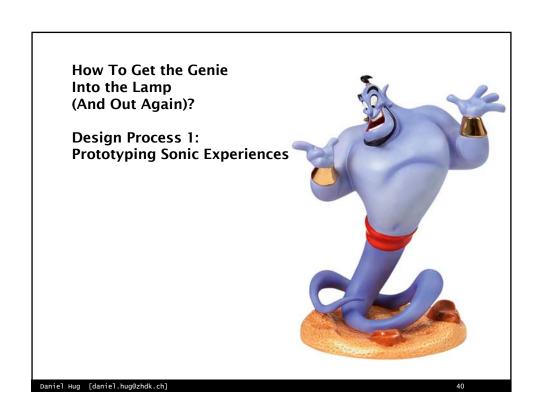






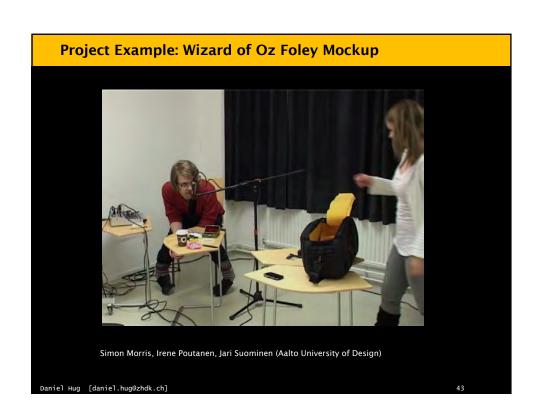


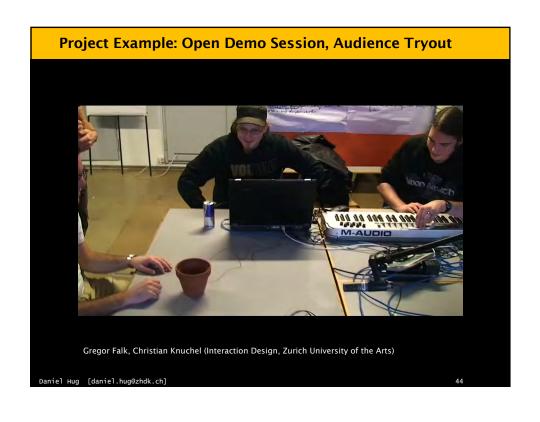


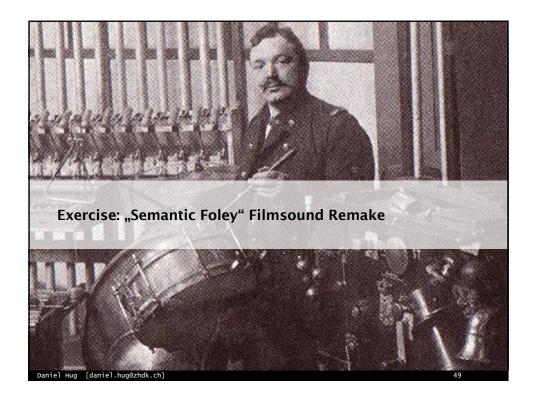


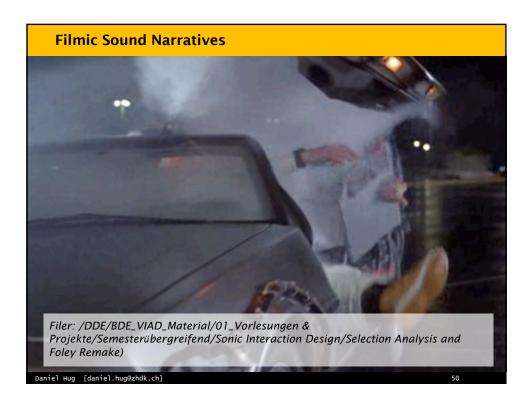












Exercise: Semantic Foley Sound Remake

- · Learning goals:
 - Listen closely to interaction related film sound fx
 - Understand effect of sound on our interpretation
 - Be inspired by the "masters of sound design"
 - Turn listening into soundmaking
 - Convey information sonically (micronarrative)

Assignement (35m, teams of 3):

- Watch the movie clip assigned to your team, focus on object interactions (3m)
- Describe the action / processes depicted and the related sounds (7m)
 - What does the sound tell us about **action and / or process**? What about the **object**?
- Try to mimick the sound effects from your clip using Foley techniques and voice (10m)
- Come up with a new interpretation of the interactions meaning and modify your sounds accordingly (e.g. friendly becomes dangerous, simple becomes complicated...) (10m)
- Perform your Foley Sound Remake live to the videoclip (practice)! (5m)

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