



Sinne Gallery, Helsinki, November 6–29, 2015

00 INSTRUMENTS\_OF\_MIND-MATTER = [...]

*01 for all wetware:*

*02 rewrite linguistic wiring*

*03 define instrument(nam-shub):*

*04 confuser of tongues*

*05 procedure:*

*06 recite nam-shub to listeners*

*07 ask for vocal response*

*08 if mutually incomprehensible:*

*09 listeners exit Anglo-Ubiq pseudocode through cryptic languages*

*10 define instrument(sound-symbolic):*

*11 embodiment of speech*

*12 procedure:*

*13 tune listeners to sound-symbolic*

*14 speak in substances*

*15 if naturally resonant:*

*16 listeners exit Anglo-Ubiq pseudocode through universal language*

*17 for any instrument in instruments\_of\_mind-matter:*

*18 repeat procedure 108 times*

JENNA SUTELA, 2015

AUDIO LOOP, BURLS OF PINE, BIRCH AND WILLOW, BALLISTIC GEL, SPEAKERS AND SPRAY PAINT

A soft-bodied speaker system, built for maximum resonance and cased in mutated matter, plays a mantra for countering the language virus by tuning into either cryptic or universal languages. Incantations and the ring of substances are used to alter the listener's perception.

17 9E 10 EC 33 EA 7A 6E 8C 9E 6B 87 3C F5 EC 8D 79 28 E0 49 CF 5C E6 0B 9D  
30 50 D1 6D 4F 40 8F

LARS TCF HOLDHUS, 2015

MRI SCANNED AND 3D PRINTED HUMAN VOCAL TRACTS, HORN DRIVERS, VOCALS A, E AND O, PERFORMANCE, VIDEO

A choir of synthetic vocal tracts models uttered histories and futures via scientific and speculative ideas about the evolution of the human voice from Neanderthals to cyborgs and more. For example, it seems that soft food is currently shaping our speech and, perhaps, language through its impact on our jaw structures. The project includes a performance using the vocal tracts as instruments and a video that presents a variety of research addressing the question of whether and how we will sound in the future.

Based on the work of the Mathematical and Numerical Modeling of Speech research group at the Aalto University, and in the spirit of a lot of their research, the instruments will be open sourced. Like this, a voice is given to all the proto- and post-human anatomical models of Finnish vowels 3d printed using datasets from the group's website. The video shows an interview with the head of the group, Jarmo Malinen, next to footage of professor Hideyuki Sawada's KTR-ver.3 project at the Kagawa University as well as Satoru Fujita's and Kiyoshi Honda's vocal experiments.

THE EXHIBITION FEATURES A VOLUME BY JOHANNA LUNDBERG AND VINCENT DE BELLEVAL, INCLUDING A TEXT BY TESS EDMONSON.

THE ARTISTS WOULD LIKE TO THANK THE COLLABORATORS IN THE PROJECTS: MATTHIJS DIEDERIKS, FABIAN ESQUEDA, WILLEM HEEFFER, SEPPU LAATUNEN, VILLE LOHTAJA, JARMO MALINEN, ASHISH MOHITE, ANTTI OJALAMMI, PWR STUDIO AND KORAY TAHIROGLU

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