



HOODIE2030_{by}

TAKE 2030

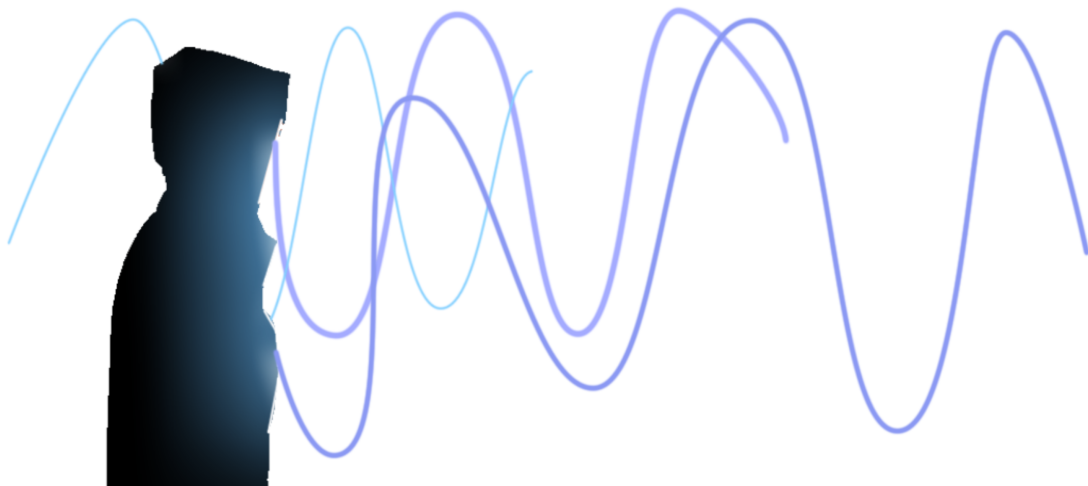
Proposal
by TAKE2030

with Ilze Black, Alexei Blinov & Shu Lea Cheang

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The collective TAKE2030 operates in parallel net media scheme and shifts the social media mission into hypermedia playing fields. The main focus of our work, for many years, has been an artistic exploration of emergent technologies and in particular its network paradigm. Our networked performances have been on the forefront of network technological experiments, most significantly the artistic use of the early WiFi and mesh network technologies. Through artistic means and collaborations with researchers and developers, in Europe and Asia, we have imagined and performed scenarios for possible future visions that emerging technologies will bring to our daily lives.

We enter now the post-everything phase - post-media, post-digital, post-internet, post-city, post-body, post-gender. In this new landscape TAKE2030 is looking to expand our research and imagination into yet to come future, focusing on currently emerging network technologies. For that we are proposing a framework of quantum like hoodie – HOODIE2030 – a garment/'second skin' for future networked sociality that is powered by the research done in field of LiFi and Ultra-Parallel Visible Light Communications (UP-VLC).



HOODIE2030, proposal for an intelligent and LiFi networked performance.

THE GARMENT

Hoodie, the hooded sweatshirt was first produced in the United States in the 1930s, marketed to labourers working in the freezing zone. Made popular by Hip-Hop culture and glamorized by fashion designers, hoodie evolved into a symbol of isolation by 1990s. HOODIE2030 proposes a 'shut down' from smart networking by retreating oneself into an intelligent hooded garment. Taking the body energy within, moving onto quantum network, the hoodie for year 2030 is our last shelter towards building self-sustainable network.

The hi-tech custom designed hoodie we propose will serve the following functions -

- (1) The hoodie is an isolation device. When wearing it, the hoodie like a 'second skin' wraps one's whole body and produces a protective shield against the surrounding radiation. The hoodie is our 'Faraday cage' that channels electricity along and around us, leaving our enclosed body to manage self-generated energy.
- (2) Sensing and outputting. The hoodie with its intelligent reading of body serves both as an ex-corporal skin and is the interface for our emotions, blood flow, pheromones and bio-signalling to the other hoodie-wearers. We can imagine the hoodie as "quantum skin" that is responsive and reflective.
- (3) The hoodie is an energy/electricity producing unit. Embedded with bioenergy harvesting mechanisms, the hoodie renders the body's biological emanations to generate electric current. Feeding thus generated electricity into the energy-accumulating compartment in the hoodie, its own power supply.
- (4) The hoodie is a network node. With its self-sustainable modularity and energy, the hooded body is a quantum entity, capable of communications with other particles. As a poetic gesture, an attempt to apply quantum entanglement network, the hoodie turns self into a LiFi network node.
- (5) Several hoodies will form a complex network that engages humans with the immediate environment. The resulted super-symmetrical states for mutual affections of all participants can generate ever-fluid manifold of emotionally charged visually stunning display of human interaction.

PERFORMANCE

The imaginable/inevitable net-crash prescribes conversion of tech and humans. The world has adopted quantum physics as mainstream, quantum tunnelling induces sensation, bio-neuro-communication and LiFi networking is the next wave. Either we are empathetic hopefuls or the apathetic lost-souls, can empathy/apathy be transmitted? or mutually intoxicate? HOODIE2030 as a networked performance envisions sets of body-sensing hoodies, floating in a public space, exposing/displaying data transmission and creating soundscape.



HOODIE2030 networked performance sketch.

The data transmission can be visualized as visible light sculpture and sonified to create soundscape. Together the hoodies can establish its own eco-system, even its own conscience to communicate with other beings, in sync with the current pursuit of transhumanism and a new form of entanglement. Choreography and data-ography are essential elements for positioning data transmission.

TAKE2030 BIO and PORTFOLIO

WEBSITE: <http://take2030.net>

VIDEO DOCUMENTS: <https://vimeo.com/take2030>

London based since 2003, TAKE2030 is a brave new media society that operates in parallel net media scheme and shifts the social media mission into hypermedia playing fields. It activates wide variety of producers, hackers, designers, digital artisans, engineers, social workers, free agents and public to create the new situations towards the year 2030.

TAKE2030 core members

Ilze Black is a researcher, producer and curator. For the last five years she has been working on her PhD at Queen Mary University of London's Media and Arts Technologies on a subject of The Internet of Things and communities of practice. Before that she managed, produced and curated numerous media art productions, art events and happenings in and around London, Europe and Asia for last 20 years. Her projects engaged with ideas of network populism and practices of free wireless, open communities and transnational society.

Alexei Blinov is artist and pioneer of quantum and information technology arts. He is founder of Raylab.com, working on interactive electronic media design and implementation. In 2006, Blinov initiated "Hive Network" research and development initiative into embedded devices and ubiquitous computing. For last 7 years Blinov has worked for Phenomenon Films and re-enacted legendary science experiments with a series of Tesla apparatus for the film production "DAU" (2009-2015).

Shu Lea Cheang is an artist, filmmaker, and networker. Cheang constructs networked installation and multi-player performance in participatory impromptu mode; builds social interface with transgressive plots and open network that permits public participations. Since her relocation to Eurozone in 2000, Cheang has been staging large scale collective performance and installation art projects. Currently situated in post-crash BioNet zone, Cheang takes on viral love, bio hack in her current cycle of works.



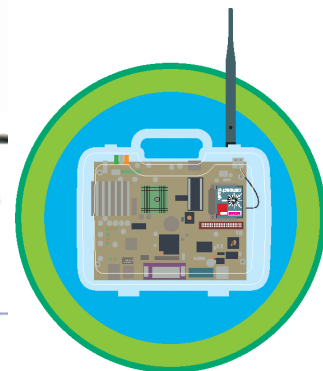
TAKE2030 at Venice Biennial 2003

TAKE2030 - Exhibition Data – major works

Our two major works, RICHAIR2030 and PORTA2030 engage in data transmission using WiFi (802.11) WLAN technology. With HOODIE2030, we want to explore the ecology sensible qantum network that is currently being developed and is expected to replace WiFi technology by year 2030.

RICHAIR2030 (2003-2004)

Renegade rollergirls patrol the city with homemade WiFi lunchbox chiputers, pumping up the remaining network signals in an after the Net crash scenario. Shown at Zone of Urgency, Venice Biennale (2003), E-Culture Fair, Amsterdam (2003), FutureSonic04, Manchester (2004), Machinista04, Glasgow (2004), ABristol wireless with Cube Cinema, Bristol (2004), Wizards of OS3 with c-base, Berlin (2004), Bow Festival, London (2004), A BritFresh, Riga, Latvia (2004), Viper Festival, Basel (2004), Kibla, Maribor (2004).



PORTA2030 (2006-2008)

You are the net. You are porta-porter. Custom made porta-pack with data capture devices and WiFi technology for building portable and responsive social networks. Shown at NodeLondon – Broadway Market (2006), Waves RIXC, Latvia (2006), Taipei Biennale (2006-2007), TAKEAWAY, London (2007), Waves HMKV, Germany (2008).

