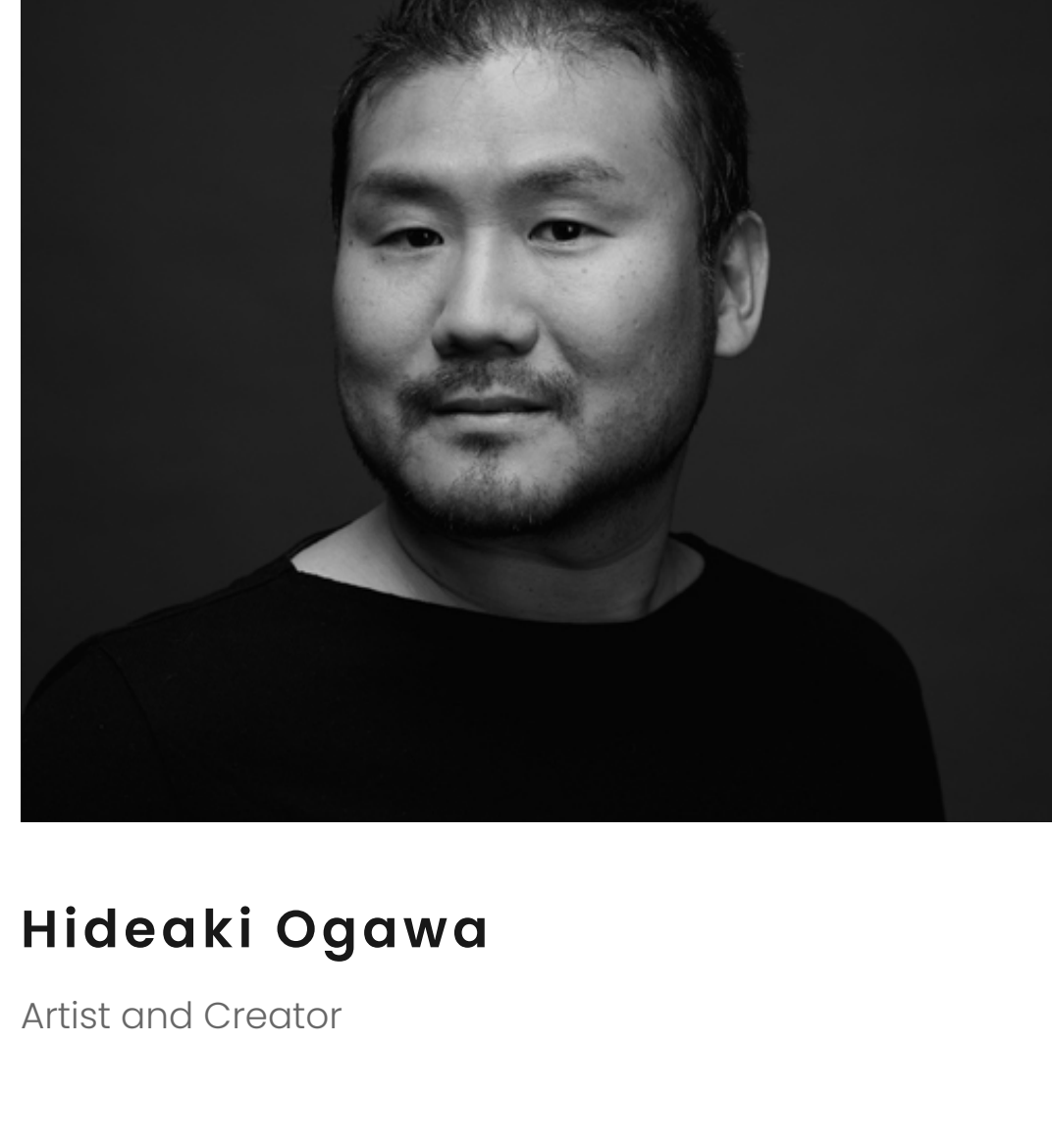


About

Sense the Invisible

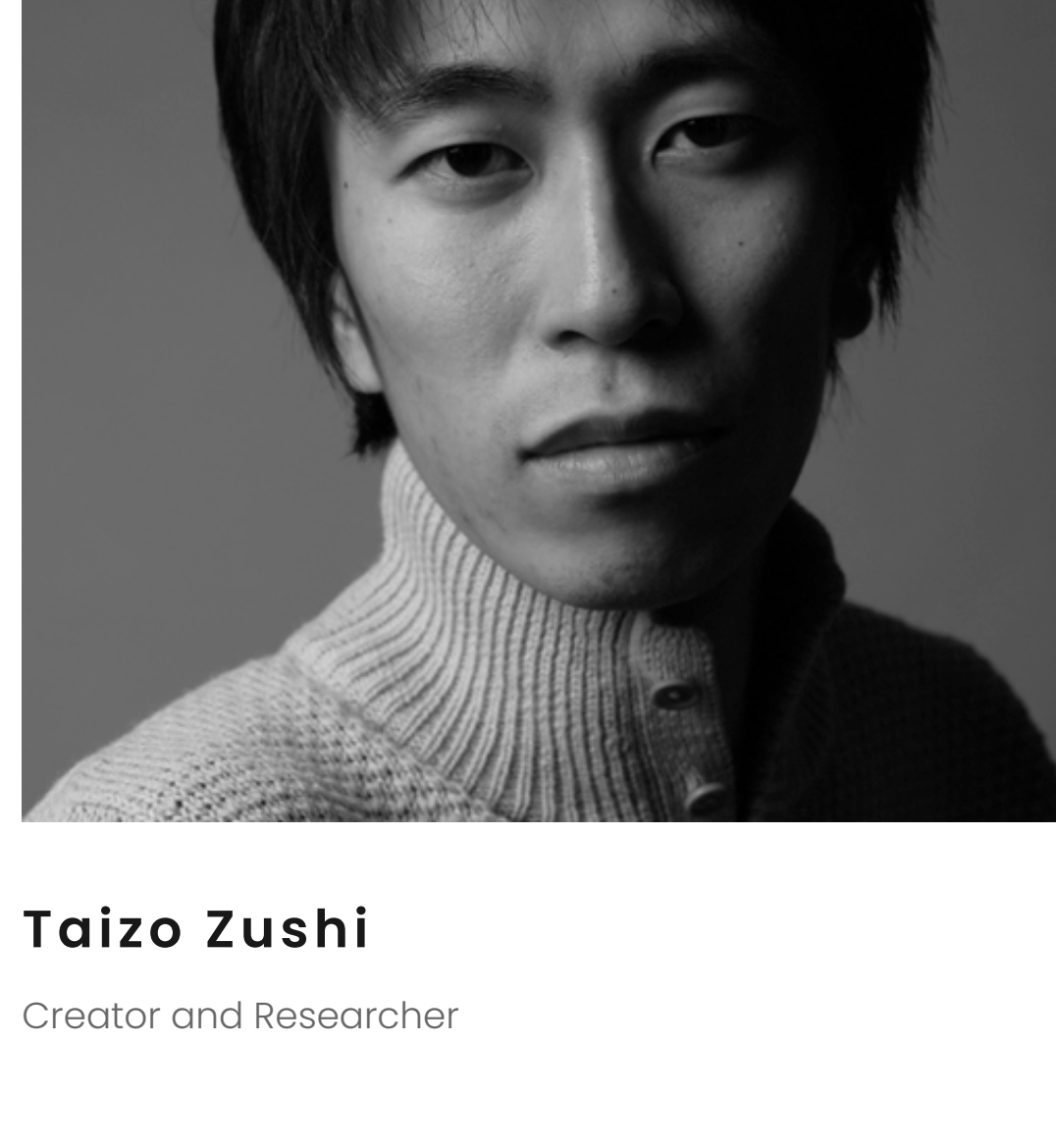
Time, Information, AI, Society, Energy, Bacteria...

h.o (ndoto) is an artist group based in Europe, Japan and United States. With receiving a grand prize of Philip Morris Art Award of "Memory of Media (2000)" made in a university laboratory as a start, they have started the activity. The each member has specialized field such as sensor technologies, database system, interaction design, hardware design and robotics, and this group has unique forms of the collaboration changing team members depending on the work. h.o's interest in works has coincided with encounters with new members and collaborators. In early trend of the work, h.o searched for invisible and universal themes such as time and communication. They created poetic and playful interactive installations ("Perfect Time" and "BLUE"), and their focus was on communication objects (SmallConnection) by using the Internet. After new members who have expertise in database system and sensor system, h.o became to have interests in pointing new visions in social aspects (COLORS project and CUBE). Through collaboration with an advertising agency, they proposed antithesis against to the modern advertisement (A New Cultural Advertising Project and Slogan Generator). Since 2007, the core members, Hideaki Ogawa and Emiko Ogawa, have stayed in Linz as an artist of Ars Electronica. Based in Tokyo, Osaka and Linz, they create and exhibit works all over the world. h.o contemplates develops and cultural differences in information and media technologies with equanimity, while at the same time expanding the wide range of interests to the society (Klangwolke ABC)(TRIART Project) by the active discussion platform consisted of many international members. Recently, their exhibition titled "Ghosts in the Digital Realm" aims to create a dialogue on the future of humanity through provocative projects (*, Ghosthouse, Imaginative) towards robotic and AI society (What A Ghost Dreams Of). Thus, they search for witty new idea depending on current social contexts, and h.o will be realizing artistic expressions with the speed of technological progress.



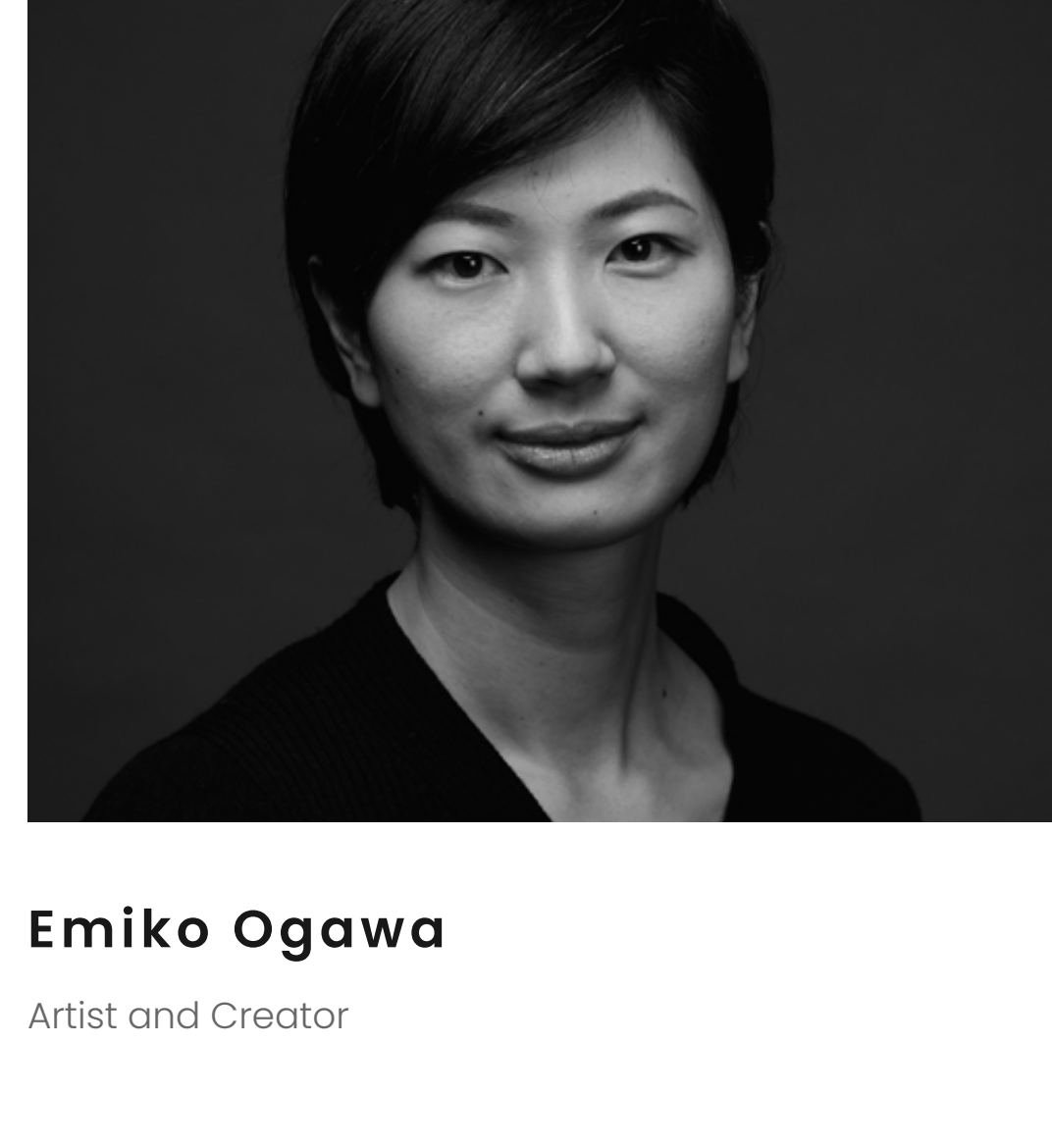
Hideaki Ogawa

Artist and Creator



Taizo Zushi

Creator and Researcher



Emiko Ogawa

Artist and Creator



Junichi Yura

Creator and Researcher



Naohiro Hayaishi

Engineer and Robot Creator



John Brumley

Artist and Researcher



Yoko Minagawa

Artist and Designer



Yuchi Tamagawa

Designer and Creator



Sakura Toyabe

Creator and Researcher

Other Members: Satoshi Onodera, Shota Ishimura, Tomanori Kondo, Yukiko Okamura, Kaori Honda, Mizuya Sato, Yoko Minagawa, Yuichiro Haraguchi, Ayano Urabe (project participation order)

Exhibition, Event and Award

Solo Exhibition

- **h.o solo exhibition 2018 - Ghosts in the Digital Realm-**, Axiom, Tokyo / Japan, Jun. 2 - Jun. 30, 2018 (Imaginative, ghosthouse, *)
- **h.o solo exhibition 2010 -SENSE THE INVISIBLE-**, Ars Electronica Center, Linz / Austria, Jul. 30 - Sep. 12, 2010 (Memory of Media, Perfect Time, Slogan Generator, Blue, Magic Moment, Maru-san project, Kazamidori, Monster)
- **h.o solo exhibition 2004**, LA GALERIE DES NAKAMURA, Tokyo / Japan, Mar. 9 - Apr. 2, 2004 (Perfect Time, Memory of Media, We lost something, Small Connection, Twin Lamp, nest)

2022

- **IN TRANSFER - A NEW CONDITION Esch2022 - European Capital of Culture**, Esch / Luxembourg, September 3 - September 27 (What A Ghost Dreams Of)
- **Ars Electronica Center Exhibition Compass - Navigating the Future-**, Linz / Austria, May. 27 - (What A Ghost Dreams Of)

2021

- **Nothing more human than humanoid**, Graz / Austria, September 11 - January 17, 2022 (Ghosthouse)
- **Ars Electronica Festival 2021**, Linz / Austria, September 8 - 12 (Wanderline)
- **PLUGIN - Contemporary Istanbul**, Istanbul / Turkey, May 26 - 28 (What A Ghost Dreams Of)
- **Ars Electronica Center Exhibition Compass - Navigating the Future-**, Linz / Austria, May. 27 - (What A Ghost Dreams Of)

2020

- **PLUGIN - Contemporary Istanbul**, Istanbul / Turkey, Dec. 16 - 20 (What A Ghost Dreams Of)
- **Sunport Takamatsu Triathlon 2020**, Takamatsu, Japan, July 4-5, 2020 (Marusan)
- **School of the Future Festival 2020 at Tokyo Midtown**, Tokyo / Japan, Feb. 20 - 24 (What A Ghost Dreams Of)
- **Ars Electronica Center Exhibition Compass - Navigating the Future-**, Linz / Austria, May. 27 - (What A Ghost Dreams Of)

2019

- **SPECULUM ARTIUM 2019**, Trbovlje / Slovenia, Oct. 17 - 19 (From Ear To Mouth)
- **Ars Electronica Festival 2019**, Linz / Austria, Sep. 5 - 9 (What A Ghost Dreams Of, ghosthouse, Momentrium)
- **Sunport Takamatsu Triathlon 2019**, Takamatsu, Japan, July 7, 2019 (Marusan)
- **Ars Electronica Center Exhibition Compass - Navigating the Future-**, Linz / Austria, May. 27 - (What A Ghost Dreams Of, ghosthouse)

2018

- **Ars Electronica Center Exhibition**, Linz / Austria, Sep. 6 - (blue)
- **SPECULUM ARTIUM 2018**, Trbovlje / Slovenia, Sep. 13 - 15 (ghosthouse)
- **Ars Electronica Festival 2018**, Linz / Austria, Sep. 6 - 10 (ghosthouse)
- **Sunport Takamatsu Triathlon 2018**, Takamatsu, Japan, July 8, 2014 (Marusan)
- **h.o solo exhibition 2018 - Ghosts in the Digital Realm-**, Axiom, Tokyo / Japan, June. 2 - June 30 (Imaginative, ghosthouse, *)

2017

- **Sunport Takamatsu Triathlon 2017**, Takamatsu, Japan, June 21, 2015 (Marusan)

2016

- **Tokyo Art Flow**, Futaba Tamagawa, Tokyo, Japan, July 29-31, 2016 (Anti Adsreen Project)
- **Sunport Takamatsu Triathlon 2016**, Takamatsu, Japan, September 14, 2014 (Marusan)

2015

- **Takamatsu Media Art Festival**, Takamatsu, Japan, December 18-27, 2015 (TRIART)
- **Sunport Takamatsu Triathlon 2015**, Takamatsu, Japan, June 21, 2015 (TRIART 2015)

2014

- **I Believe in Internet**: Urbanfarm, Leonding, Austria, September 24-, 2014 (*)
- **Ars Electronica Festival 2014 Exhibition in a shop**, Linz, Austria, September 4-8, 2014 (Kazamidori)
- **Ars Electronica Festival 2014 Deep Space Performance**, Linz, Austria, September 4-8, 2014 (Story Weaver)
- **Ars Electronica Festival 2014 Exhibition in Mariendome**, Linz, Austria, September 4-8, 2014 (Momentrium #2 Future, #3 Mars)
- **Sunport Takamatsu Triathlon 2014**, Takamatsu, Japan, September 14, 2014 (TRIART 2014)

2013

- **ITU Telecom World 2013**: Bangkok, Thailand, November 19-22, 2013 (Kazamidori)
- **ICT&ART CONNECT 2013**: Bazar museum, Bruxelles, Belgium, November 9-11, 2013 (Kazamidori)
- **Amber Festival 2013**: Istanbul, Turkey, November 1-10, 2013 (Connecting Monsters)
- **Sunport Takamatsu Triathlon 2013**, Takamatsu, Japan, September 15, 2013 (TRIART 2013)
- **Connecting Cities**: Besiktas Square (Istanbul, Turkey), Ars Electronica Center (Linz, Austria) September 6-, 2013 (Connected Monsters)
- **Project Genesis**: Ars Electronica Center, Linz, Austria, August 1-, 2013 (Momentrium)

2012

- **Pioneers Festival 2012**, Vienna / Austria, Sep. 24 (Kazamidori)
- **Sunport Takamatsu Triathlon 2012**, Takamatsu / Japan, Sep. 16 (TRIART)
- **Klangwolken 2012**, Donau Park, Ars Electronica Festival, Linz / Austria, Sep. 1 (Klangwolke ABC)

2011

- **Sunport Takamatsu Triathlon 2011**, Takamatsu / Japan, Sep. 24 (Marusan Project)
- **Sensing Place / Placing Sense**, AFO, Ars Electronica Festival, Linz / Austria, Sep. 4 - Oct. 22 (Kazamidori)
- **ENTER 5: DATAPOLIS**, Prague / Czech Republic, Apr. 14 - 22 (Kazamidori, Social Bits Project)
- **Robotinity**, Ars Electronica Center, Linz / Austria, Mar. 10 - (eshiguro & Geminoid June 2009)
- **La Biennale di Venezia - Second edition of the Kids' Carnival**, Central Pavilion at Giardini, Venice / Italy, Feb. 26 - Mar. 8 (Perfect Time)
- **TEII (5th International Conference on Tangible Embedded and Embodied Interaction)**, Funchal / Portugal, Jan. 23 - 25 (Kazamidori)

2010

- **Sunport Takamatsu Triathlon 2010**, Takamatsu / Japan, Nov. 3 (Marusan Project)
- **h.o solo exhibition 2010 -SENSE THE INVISIBLE-**, Ars Electronica Center, Linz / Austria, Jul. 30 - Sep. 12 (Memory of Media, Perfect Time, Slogan Generator, Blue, Magic Moment, Maru-san project, Kazamidori, Monster)
- **Poetry of Motion**, Volkswagen Automobil Forum Unter den Linden, Berlin / Germany, Jun. 25 - Sep. 5 (Perfect Time)
- **Social Bits Istanbul**, KASA GALERI, Istanbul / Turkey, May 15 - Jun. 19 (Kazamidori)
- **Cyber Arts Japan**, Museum of Contemporary Art Tokyo, Tokyo / Japan, Feb. 2- Mar. 14 (Slogan Generator, Buzz Bubbles)
- **TEII (4th International Conference on Tangible Embedded and Embodied Interaction)**, Boston / US, Jan. 25 - 27 (TextDraw)

2009

- **Amber 09 - Uncyborgable?**, Istanbul / Turkey, Nov. 5 - 15 (Kazamidori, Slogan Generator)
- **Ars Electronica Festival 2009**, Linz / Austria, Sep. 3 - 8 (Buzz Bubbles)
- **New Views of Humankind**, Ars Electronica Center, Linz / Austria, Jan. 2 - Dec. 31 (Geminoid Project)

2008

- **Ars Electronica Festival 2008**, Linz / Austria, Sep. 4 - 9 (A New Cultural Advertising Project)
- **ISEA2008**, Singapore, Jul. 25 - Aug. 3 (Inokashira Player)
- **E-MOTION - Feel digital!**, net.culture.space/MQ, Vienna / Austria, Jan. 30 - Mar. 11 (COLORS)
- **Ars Electronica Center 2008**, Linz / Austria, Jan. 1 - Oct. 15 (Perfect Time)

2007

- **FUNKY PIXELS**, net.culture.space/MQ, Vienna / Austria, Dec. 14 - Jan. 9 (Perfect Time)
- **monolog -Live! Commerce Akiba**, Tokyo-Akihabara / Japan, Nov. 29 - Dec. 1 (monolog)
- **Digital Canvas - Art for Screens**, net.culture.space/MQ, Vienna / Austria, Nov. 14 - Dec. 9 (Perfect Time)
- **Ars Electronica - Digital Art & Technology**, Singapore Science Center, Singapore, Nov. 10 - Jan. 1 (Perfect Time)
- **Gameworld Expansion pack: PLAYWARE**, LABoral Art and Industrial Creation Center, Ojón / Spain, Sep. 21 - Mar. 21 (Perfect Time)
- **The World is My Imagination**, CUBE, Manchester / United Kingdom, Sep. 6 - Nov. 3 (Perfect Time)
- **Ars Electronica 2007 Pixelspaces Exhibition**, Linz / Austria, Sep. 5 - 11 (Bits of Moments)
- **Good design award 2007**, TOKYO BIG SIGHT, Aug. 24 - 27 (Zoo project)
- **Ars Electronica Center 2007**, Linz / Austria, May 1 - Dec. 31 (Perfect Time)
- **Being**, Inokashira Park Zoo, Tokyo / Japan, Apr. 24 - May 6 (Inokashira Player)

2006

- **Smooth Sailing**, SPIRAL, Tokyo / Japan, Nov. 22 - 26 (Polaris)
- **Bites & Bodies**, Regensburg / Germany, Sep. 22 - Oct. 15 (Perfect Time)
- **Ars Electronica Center 2006**, Linz / Austria, Aug. 31 - Sep. 5 (Perfect Time)
- **Laval Virtual 2006**, Laval / France, Apr. 26 - 30 (Perfect Time)
- **KOYOMI PROJECT**, Tokyo Rikkyo University Niiza Campus, Tokyo / Japan, Mar. 31 - Apr. 1 (CUBE)

2005

- **PRESENCE/ABSENCE ACM Multimedia Interactive Art Exhibition 2005**, LASALLE-SIA Gallery, Singapore, Nov. 7 - 11 (SmallConnection)
- **h.o talk event**, Apple Store Ginza, Tokyo / Japan, Oct. 7
- **Ars Electronica Center 2005**, Linz / Austria, Sep. 1 - Aug. 31 (Perfect Time)
- **EXPO 2005**, Nagoya Expo Plaza, Aichi / Japan, Mar. 25 - Sep. 25 (COLORS)
- **Japan Media Arts Festival**, Tokyo Metropolitan Museum of Photography, Tokyo / Japan, Feb. 25 - Mar. 6 (Perfect Time)
- **EXPO 2005 Aichi Japan Art Program Exhibition - Diverse ways of Happiness-**, SPIRAL, Tokyo / Japan, Jan. 14 - 25 (COLORS)

2004

- **Compact Impact 1104**, TKNY GALLERY, New York / US, Nov. 18 - 24 (air)
- **Tokyo Designers Block 2004**, Tokyo / Japan, Oct. 7 - 11 (CUBE)
- **CONNECTION as media**, NTT INTERCOMMUNICATION CENTER[ICC], Tokyo / Japan, Jun. 22 - Aug. 15 (air)
- **Wedding**, SPACE FORCE, Tokyo / Japan, Apr. 6 - 11 (air)
- **h.o solo exhibition 2004**, LA GALERIE DES NAKAMURA, Tokyo / Japan, Mar. 9 - Apr. 2 (Perfect Time, Memory of Media, We lost something, Small Connection, Twin Lamp, nest)

2003

- **Surroundings**, Tokyo Hillside West Gallery, Tokyo / Japan, Dec. 16 - 22 (mao)
- **Take Art Collection 2003**, SPIRAL, Tokyo / Japan, Oct. 24 - Nov. 9 (nest)
- **Asia Design International Conference**, Tsukuba / Japan, Oct. 14 - 17 (Infoscape in the city)
- **art-life+**, SPIRAL, Tokyo / Japan, Sep. 6 - 15 (strobe switch)
- **My Sweet Home Exhibition**, SPIRAL, Tokyo / Japan, Mar. 27 - Apr. 14 (one, living memory)

2002

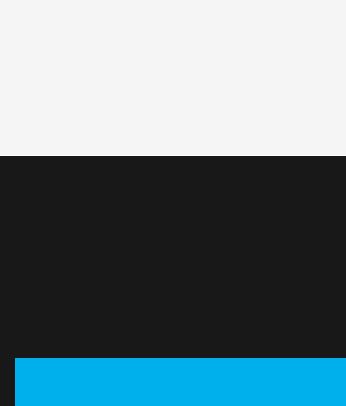
- **ISEA 2002(International Symposium on Electronic Art)**, Nagoya / Japan, Oct. 27 - Oct. 31 PAPER (@home project)
- **INFOSCAPE in the beach**, Yokohama / Japan, Oct. 7 - 14 (INFOSCAPE in the city)
- **INFOSCAPE on the beach**, SPUTNIK Beach House, Tsujido / Japan, Aug. 24 (INFOSCAPE on the beach)
- **Universal Plaything**, Keio University Shonan Fujisawa Campus, Fujisawa / Japan, Jul. 1 - 8 (star drops)
- **Art in Shopping Town in Yokohama**, Yokohama / Japan, May 25 - Jun. 2 (INFOSCAPE in the city)
- **Art Cross Plan Exhibition**, Ginza Pepper's Gallery, Tokyo / Japan, Mar. 11 - 16 (INFOSCAPE in the city)

2001

- **@home EXHIBITION**, Franc Franck Harajuku Version Gallery, Tokyo / Japan, Nov. 30 - Dec. 12 (@home project)
- **Sport Lover's Art Exhibition**, Spirak Garden, Tokyo / Japan, Nov. 2 - 4 (Networked T-shirts Project)
- **Asia Digital Art Awards 2001**, Hakata Artium, Hakata / Japan, Sep. 15 - 24 (Twin Lamp)
- **Philip Morris Art Award OSAKA**, Umeda Sky Tower West 3F Stera Hall, Osaka / Japan, Jun. 23 - Jul. 1 (Memory of Media)
- **Philip Morris Art Award TOKYO**, Odaiya Fuji TV Museum, Tokyo / Japan, Jun. 2 - 17 (Memory of Media)
- **Emerging Artists From Japan**, NYU, Grey Art Gallery, New York / US, Feb. 15 - Apr. 24 (Memory of Media)

Award

- 2007 Future Marketing Awards Internet Innovation winner (NIZA KOYOMI PROJECT)
- 2007 Good Design Award (Being Zoo Project)
- 2008 London International Awards (NIZA KOYOMI PROJECT)
- 2008 Prix Ars Electronica Honorary Mentions Net Vision (COLORS PROJECT)
- 2004 Japan Media Arts Festival (Perfect Time)
- 2001 Asia Digital Art Award (Twin Lamp)
- 2000 Philip Morris Art Award 2000 Grand Prize [MMM Project] (Memory of Media)



Sense the Invisible

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2020-02-09

From Ear To Mouth (2019) on Vimeo

2019-10-24

What A Ghost Dreams Of (2019) on Vimeo

2019-06-22

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