

© ACG Press Release – Exhibition Announcement –

# Hitoshi Nomura *Space-Time and Life: Signifying Conjecture and Manifestation*

野村仁の個展「時空と生命：表徴化予想と顕れ」

ARTCOURT Gallery is pleased to present a solo exhibition of Hitoshi Nomura, *Space-Time and Life: Signifying Conjecture and Manifestation*. Nomura's first exhibition at our gallery in two years will be an opportunity to see 'CMB' score: *13.8 Billion years / Temperature Fluctuation*, the newest addition to his series of musical score works, exhibited for the first time.

To Nomura, who uses his camera to capture the phases of matter that change with gravity and time while also viewing photography as major sculptural work since early in his career, his score series is one of his significant ongoing works that began at a turning point when he first turned his lens towards the heavenly bodies. Another "score" work, 'moon' score (1975), in which he used film with five lines copied onto them to shoot pictures of the moon at random, making it appear like musical notes, begins to sound like music made naturally when actually performed. With this discovery, Nomura deepened his interest in the origin of things, or the structures of the "genesis" of everyday phenomena, especially those that exist beyond people's perception, thus expanding his work to cover themes from the origin of the universe to the birth of life on Earth.

'CMB' score: *13.8 Billion Years / Temperature Fluctuation*, shown for the first time at this exhibition, tries to create musical scores out of electromagnetic wave readings coming from the areas of constellation coordinates selected from an all-space temperature map released in 2018, which is based on the cosmic microwave background (CMB) observed by the ESA's probing satellite PLANCK. Cosmic microwave background, which decreased in temperature a while after the birth of the universe, refers to the electromagnetic waves originating from the moment the entire universe was filled with electromagnetic waves moving in straight lines, unobstructed by free electrons (the recombination of the universe), continues to reach the Earth from all directions in space and is said to be observable as extremely weak microwaves. Here, Nomura fills the exhibition space with sound extracted from the vast cosmic data contained within the oldest electromagnetic waves that can be observed today.

This exhibition features a series of glass works produced in the 1980s expressing in three-dimensions the internal structure of the origin of the universe; meteorites that flew from space onto the Earth and helped in the formation of RNA and DNA in organisms; stromatolite fossils which produced oxygen in the primeval Earth; and fossils of land vegetation that formed the basis of the ecosystem (all of which are being exhibited for the first time). Together, these different types of matter, existing here today through the eternal journey of space-time, tell the tale of the deep ties between the universe and life on Earth.

We will also exhibit a number of new works exuding an experimental spirit and brimming with humor that only Nomura could create, as an artist who translates the shapes of various phenomena that manifest in outer space into a form that is viewable up close, and produces work in a range of media such as 3D CG imaging, bronze, *urushi*.

— In a few decades, we will be able to inhabit space, living our everyday lives in an artificial environment, a fact that will have a powerful impact on our bodies and minds. We will very likely reconsider the meaning of "awe." I think that people will undergo a fundamental change, and when this happens, art, rather than being limited, will expand; art will speak and inform us of human existence. (\*)

After turning his lens towards the natural phenomena for over a half-century, Nomura's gaze yet seeks out light that will be a signal for his expression, and continues to await the future.

\*Hitoshi Nomura "Will Nature Reveal Its True Form Over Time?", ex.cat. *PERCEPTIONS—CHANGES IN TIME AND FIELD* (2009, The National Art Center, Tokyo, p.14)

## [Exhibition]

Exhibition Title: **Hitoshi Nomura *Space-Time and Life: Signifying Conjecture and Manifestation***

野村仁「時空と生命：表徴化予想と顕れ」

Duration: March 23 (Tue) - April 17 (Sat), 2021 \*Closed Sun, Mon, holidays

Venue: ARTCOURT Gallery OAP ARTCOURT 1F, 1-8-5 Tenmabashi, Kita-ku, Osaka 530-0042

Hours: 11:00am - 6:00pm [Sat -5:00pm]

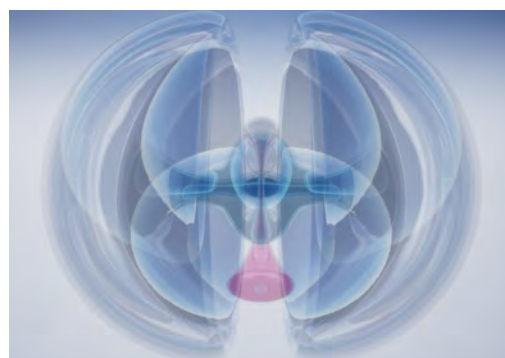
\*During the exhibition period, part of the exhibited works is scheduled to change.

We will make an announcement regarding this on our website at [www.artcourtgallery.com](http://www.artcourtgallery.com)

Organized by ARTCOURT Gallery (Yagi Art Management, Inc.) | Sponsored by Mitsubishi Estate Co., Ltd., Mitsubishi Materials Coporation, Mitsubishi Jisho Property Management Co., Ltd.

\*Please contact Yuki Hamada at ARTCOURT Gallery for any inquiries including photographic materials.

OAP Art Court 1F, 1-8-5 Tenmabashi, Kita-ku, Osaka 530-0042 | [info@artcourtgallery.com](mailto:info@artcourtgallery.com) | T: (+81) 6-6354-5444 | F: (+81) 6-6354-5449 | [artcourtgallery.com](http://artcourtgallery.com)



Space-Time: Signifying Conjecture / Spontaneous Symmetry Breaking  
2016-2021 | 3DCG

-0.00015	-0.00019	-0.00019	-0.00022	-0.00018	-0.00018	-0.00016
-0.00015	-0.00016	-0.00016	-0.00018	-0.00018	-0.00018	-0.00013
-0.00013	-0.00012	-0.00016	-0.00013	-0.00013	-0.00013	-0.00013
-0.00013	-0.00010	-0.00011	-0.00011	-0.00013	-0.00013	-0.00009
-0.00010	-0.00010	-0.00011	-0.00007	-0.00008	-0.00008	-0.00009
-0.00009	-0.00006	-0.00007	-0.00007	-0.00008	-0.00008	-0.00005
-0.00006	-0.00006	-0.00007	-0.00003	-0.00004	-0.00004	-0.00005
-0.00003	-0.00004	-0.00004	-0.00003	-0.00004	-0.00001	-0.00002
-0.00003	-0.00004	-0.00005	-0.00000	-0.00000	-0.00001	-0.00001
-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	0.00001	0.00001
-0.00000	0.00000	0.00003	0.00002	0.00002	0.00001	0.00001
0.00003	0.00003	0.00003	0.00003	0.00004	0.00003	0.00003
0.00003	0.00003	0.00005	0.00005	0.00004	0.00004	0.00003
0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00005
0.00005	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008
0.00005	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006
0.00008	0.00008	0.00008	0.00007	0.00007	0.00006	0.00006
0.00008	0.00009	0.00009	0.00007	0.00007	0.00006	0.00006
0.00009	0.00009	0.00009	0.00008	0.00007	0.00006	0.00006
0.00008	0.00008	0.00008	0.00008	0.00007	0.00006	0.00007
0.00007	0.00008	0.00008	0.00008	0.00006	0.00006	0.00007
0.00004	0.00005	0.00005	0.00006	-0.00006	0.00004	0.00006
0.00004	0.00005	0.00002	0.00003	0.00003	0.00004	0.00006
0.00001	0.00002	0.00002	0.00003	0.00003	0.00001	0.00001
0.00001	0.00007	-0.00000	-0.00000	-0.00000	-0.00001	0.00001

A section of the score from 'CMB' score: *13.8 Billion Years / Temperature Fluctuation*.

"Objects emit electromagnetic waves at a wavelength relative to their temperature. In the cosmic microwave background (CMB) captured by PLANCK satellite, slight fluctuations in temperature were discovered, backing up the present structure of outer space, and is filled with important scientific information that reveal the environment of the early period of the universe. The score uses the fluctuations' numeric values, but because of the the enormous amount of data, 'CMB' score would require 1,080 instruments and performers to play this mysterious symphonic music, according to Nomura.



Recent work  
*Inner Structure: Strings 4 | 1996 | Galss, marble*  
Collection of The Museum of Modern Art, Wakayama

© Artist CV

## Hitoshi Nomura

1945 Born Hyogo Prefecture  
1967 Kyoto City University of Fine Art, B.F.A.  
1969 Kyoto City University of Fine Art, M.F.A.

### Selected Solo Exhibitions

- 1987 "Recent Works 2 Nomura Hitoshi-Spin & Gravity",  
The National Museum of Art, Osaka
- 1989 "Cosmo Chronography", INAX Gallery, Tokyo
- 1993 "CRYO PHENOMENA", ART GALLERY MITSUBISHI ESTATE ARTIUM, Fukuoka
- 1994 "In Commemoration of the Publication of Time·Space", Gallery KURANUKI, Osaka
- 1995 "CHANGE over TIME", Spiral Garden, Tokyo
- "CHRONOSCORE", Tokyo Metropolitan Museum of Photography, Tokyo
- "CHRONO & PROTOMORPH", Chukyo University Art Gallery C·SQUARE, Nagoya
- "As the Cosmic Sensibility Works.....", Gallery KURAUNKI, Osaka
- "Soft Landing Meteor & DNA", Gallery GAN, Tokyo
- 1998 "One with the Cosmos", Gallery KURANUKI, Osaka
- 1999 "Mission to America & Jurassic Giant Tree in Tokyo", Gallery GAN, Tokyo
- 2000 "New Vision Navigator—Harnessing Across America by Solar Car—", Chukyo University Art Gallery C·SQUARE, Nagoya/ Kyoto Art Center, Kyoto
- "Nomura Hitoshi—Genesis of Life: The Universe, The Sun, DNA—", Contemporary Art Center, Art Tower Mito, Ibaraki
- 2001 "Nomura Hitoshi—Transit/Reflect—", Toyota Municipal Museum of Art, Toyota
- 2004 "Chroma & Chromatic", ARTCOURT Gallery, Osaka
- 2006 "Hitoshi Nomura—An Introduction, Photo works 1975-92—", McCaffrey Fine Art, New York
- "Hitoshi Nomura—Cosmo-Arbor—", ARTCOURT Gallery, Osaka
- 2007 "Hitoshi Nomura—Chrono & Chroma—", ARTCOURT Gallery, Osaka
- 2008 "Hitoshi Nomura—Gravitational Shape and Flavor: The Sun, Meteorites and The Body—", ARTCOURT Gallery, Osaka
- 2009 "Hitoshi Nomura: Perception - Changes in Time and Field" National Art Center, Tokyo
- "Hitoshi Nomura: View From Space, From Here On...", ARTCOURT Gallery, Osaka
- 2010 "Hitoshi Nomura :Marking Time", McCaffrey Fine Art, New York
- 2012 "Discover Hitoshi Nomura In Hong Kong", Gallery 27, Hong Kong
- 2013 "Hitoshi Nomura: Body/Perception, or I Who Think I Am 'I'", ARTCOURT Gallery, Osaka
- 2015 "Hitoshi Nomura: Contingency and Necessity", McCaffrey Fine Art, New York
- 2017 "Hitoshi Nomura: Light and Earth Time", ARTCOURT Gallery, Osaka
- 2018 "Hitoshi Nomura: The History of Space-Time", ARTCOURT Gallery, Osaka
- "Japanese Art Sound Archive Hitoshi Nomura: Operating Records with Tune, Intensity and Time in Mind, 1973", Art & Space Cocokara, Tokyo



Recent work  
Medaka fish (*Oryzias latipes*) in Space  
from *0.5 Gravity Room* (2001)

### Selected Recent Group Exhibitions

- 2009 "Waiting for Video: Works from the 1960s to Today", The National Museum of Modern Art, Tokyo
- "Enokura, Nomura, Takamatsu: Photographs 1968-1979", McCaffrey Fine Art, New York
- "MEDICINE AND ART: Imagining a Future for life and Love", Mori Art Museum, Tokyo
- "First Passage", ARTCOURT Gallery, Osaka
- 2011 "Hitoshi Nomura, Sigmar Polke, Yukinori Yanagi: Works in Progress", McCaffrey Fine Art, New York
- 2013 "Re: Quest Japanese Contemporary Art since the 1970s", Museum of Art Seoul National University, Korea
- 2015 "Re: play 1972/2015 - Restaging 'Expression in Film '72'", The National Museum of Modern Art, Tokyo
- 2016 "ART1 2016: Stepping into Fresh Snow", ARTCOURT Gallery, Osaka
- 2016-17 "The Universe and Art Princess Kaguya, Leonardo da Vinci, team Lab, Mori Art Museum, Tokyo/ArtScience Museum, Singapore
- 2017 "ASSEMBRIDGE NAGOYA 2017", Minatomachi POTLUCK BUILDING, Nagoya
- "When Attitude Becomes Form: Japanese Art of the 1970s through the Photography of Anzai Shigeo", The National Museum of Art, Osaka
- "JAPANORAMA- New Vision on Art Since 1970", Centre Pompidou-Metz, Metz
- 2018-19 "Awakenings: Art in Society in Asia 1960s–1990s", The National Museum of Modern Art, Tokyo / National Museum of Modern and Contemporary Art, Gwacheon, Korea / National Gallery Singapore, Singapore
- "New Wave: Japanese Contemporary Art of the 1980s", National Museum of Art, Osaka
- 2019 "Le Jardin Convivial (The Convivial Garden)", Kyoto Botanical Gardens, Kyoto
- "REBORN ART FESTIVAL 2019", White shell beach, Oginohama area, Ishinomaki, Miyagi
- "DECODE: Events & Materials, The Work of Art in the Age of Post-Industrial Society", The Museum of Modern Art, Saitama

### Major Public Collections

Kitakyusyu Municipal Museum of Art/ The Museum of Fine Arts, Gifu/ Kyoto Municipal Museum of Art/ The National Museum of Modern Art, Kyoto/ National Museum of Art, Osaka/ The Museum of Modern Art, Saitama/ Museum of Modern Art, Shiga/ Chiba City Museum of Art/ The National Museum of Modern Art, Tokyo/ Tochigi Prefectural Museum of Fine Arts/ Himeji City Museum of Art/ Hyogo Prefectural Museum of Art/ Hiroshima City Museum of Contemporary Art/ Meguro Museum of Art, Tokyo/ The Museum of Modern Art, Wakayama/ Mori Art Museum/ Dallas Museum of Art/ Getty Research Institute/ International Center of Photography/ Musée d'Art Moderne Saint-Étienne/ Museum of Modern Art, New York/ San Francisco Museum of Modern Art