

Sense of Globe Conference 2016

Day1- Friday 3rd. June

08:50-09:25 **Registration & Coffee/tea** Entrance of FS hall

09:25-09:35 **Welcome and framing of the conference** / Ayako Toko

09:35-09:50 **Agenda "Sense of Globe" , view from Cyberforest** / Kaoru Saito



Session 1. Digital innovation in Nature Conservation /Session chair: Naomi Shimpo

09:50-10:30 **Keynote "Digital technology and the conservation of nature"**

/ René van der Wal – University of Aberdeen, UK

10:30-11:00 **Coffee/Tea break**

Entrance of FS hall



11:00-11:20 **"Trends of network technologies from the viewpoint of nature observation"**

/ Shunsuke Fujieda – University of Tokyo, Japan

11:20-11:40 **"Citizen Science: Communities with ICT count !"** / Ayako Toko – Toyo University, Japan

11:40-12:00 **"Long-term monitoring of birds using the CyberForest system"**

/ Reiko Kurosawa – Japan Birdresearch Association

12:00-12:20 **"Bio-logging reveals the secret lives of marine top predators"**

/ Katsufumi Sato – University of Tokyo, Japan

12:20-13:30 **Lunch break (please buy yourself in and around campus)**

Session 2. Live sound of worldwide natural places / Session chair: Ayako Toko

13:30-14:10 **Keynote "Reveil : a 24 hour radio broadcast of the sounds of daybreak"**

/ Grant Smith – Soundcamp, UK

14:10-14:30 **"Acoustic Data for Animal Monitoring, or Sense of Air Waves for Nature and Us"**

/ Ken Ishida – University of Tokyo, Japan

14:30-14:50 **"Human-Computer-Biosphere Interaction: feeling of belonging to nature"**

/ Hill Hiroki Kobayashi – University of Tokyo, Japan

14:50-15:10 **"TECHTILE meets CyberForest: How can we touch the "Sense of Globe"**

/ Kouta Minamizawa - Keio University, Japan

15:10-15:50 **Coffee/Tea break**

Entrance of FS hall



Session 3. Technical and Demonstration session Session chair: Hill Hiroki Kobayashi

15:50-16:10 **"Technical maintenance of Cyberforest (temporary title)"**

/ Akio Fujiwara, University of Tokyo, Japan

Lightning Talk about Demonstration and open to all comer !

16:10-16:15 **"Forest Notes (temporary title)"** / Hiroki Yaginuma, JVC KENWOOD, Japan

16:15-16:20 **"Cyberforest map (temporary title)"** / Daisuke Shimotoku, University of Tokyo, Japan

16:20-16:25 **"Moridemado@Cyberforest"** / Kaoru Saito, University of Tokyo, Japan

16:25-16:30 **"MoriKomachi@Cyberforest"** / Ayumi Ohnishi, Kobe University

16:30-17:00 **Open to all participants ! Lightning Talk will be accepted on the day.**

Demonstrations

"Techtile(temporary title)"

"Moridemado@Cyberforest"

"Cyberforest map"

"Forest Notes"

"MoriKomachi@Cyberforest"

17:00-18:10 **Icebreaker and Discussion (Light drinking and snacks)**



Sense of Globe Conference 2016

Day2- Saturday 4th. June

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08:50-09:30 **Registration & Coffee/Tea** Entrance of FS hall



Session 4. Phenology in science, education and art Session chair: Kazuyo Nagahama

09:30-10:00 **Keynote “Consideration to the globe through observing seasonal change in real, cyber and musical forests”** / Kazuhiko Nakamura, University of Tokyo, Japan

10:00-10:20 **Monitoring the impact of climate change using digital cameras**

/Toshie Mizunuma, National Institute for Environmental Studies, Japan

10:20-10:40 **Conception of environmental learning of students who received school education including phenology observations** /Keita Otsuka, University of Tokyo Japan

10:40-11:00 **Encounters with nature and sounds during my art installation**

/Yuki Miyoshi, Artist., Product designer and Engineer.



11:00-12:20 **Poster session coretime and Coffee/Tea Break** Entrance of FS hall

(11:30-13:00 **Lunch break** Entrance of FS hall)

Sustainability of Forest Commons in India:Case Studies of Van Panchayat in Uttarakand State

/ Kazuyo Nagahama, University of Tokyo, Japan

Breeding ecology of streaked shearwaters / Miho Sakao, University of Tokyo, Japan

The characteristics and regionality of the Yama no Kami religion in the forest owners

/ Kureo Yanagita, Tokyo University of Agriculture and Technology, Japan

Does the cross section of the Nogawa River influence river use by birds?

/Mitsuteru Kanamori, Meiji University, Japan

What is the factors affecting the distribution of Isoetes japonica in a protected area ?

/Naoki Aizawa, Meiji University, Japan

Simultaneous estimation of wind and heading vectors from tracking data reveals the goal-oriented adjustment of seabirds under cross wind

/ Yusuke Goto, University of Tokyo, Japan

Flight paths of seabirds soaring over the ocean surface enable measurement of fine-scale wind speed and direction

/Yoshinari Yonehara, University of Tokyo, Japan

Monitoring conditions when rock ptarmigans were most frequently sighted to further develop a citizen-based monitoring tour

/Yui Ogawa, University of Tsukuba, Japan

Successful Establishment of an Artificial Habitat for the Endangered Damselfly *Mortonagrion hirosi*:

/ Yuko Teramoto, Japan

Common Reed (*Phragmites australis*) for Key Habitat Component

/ Yuya Otsuka, Meiji University, Japan

Seasonal variation in vegetation and light in habitat of spring ephemeral

/Ryuji Uchida, University of Tokyo, Japan

Effects of story manga on personal environmental awareness

Session 5. Toward a “Sense of globe” Session chair: Naomi Shimpou

13:00-13:15 **TED Global talk video screening “The voice of the natural world (Bernie Krause)”**

13:15-13:30 **Talk about “The Great Animal Orchestra by Bernie Krause”** / To be deremined

13:30-13:50 **“Sound propagation and auditory spatial impressions in nature”**

/ Tetsuya Sakuma, University of Tokyo, Japan

13:50-14:10 **“Sensual sounds as emotional media”** Masashi Nakatani, Hokkaido University, Japan

14:10-14:30 **“View point from Ornithoogy”** Takashi Hiraoka, Yamashina Institute for Ornithology, Japan

14:30-15:00 **Closing talk ‘Sense of Globe’**

René van der Wal, Grant Smith, Kazuhiko Nakamura, Kaoru Saito, Ayako Toko

15:00-15:30 **Coffee/Tea break** Entrance of FS hall



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Day2 Saturday 4th. June - 2 -

Session 6. Experimental Music Concert

/Session chair Naomi Shimpō

15:30-15:45 **“Sounds selected from cyberforest archives”** /Kaoru Saito

15:45-16:00 **“Music of Japanese traditional instruments”**

/Yasuko Fukuda, Keizan Tanabe

Michio Miyagi (1929) “Haruno Umi: “Spring Sea” Famous tune of the New Year in Japan

Kengyo Mitsuzaki(19C) “Godan Kinuta: Five short movement of Kinuta (a wooden block for beating cloth)”



16:00-16:20 **“Birds on the keyboard”**

Piano performance including talk /Tetsuya Sakuma

Louis-Claude Daquin (1694-1772):

“Le coucou” from Pieces de clavecin 1 er livre 3 ème suite (1735)

Edvard Hagerup Grieg (1843-1907):“Little bird” from Lyric pieces Book III Op.43 (1888)

Leoš Janáček (1854-1928):“The little owl has not flown away!

” from “On an overgrown path” Book I (1908)

Federico Mompou (1893-1987):“Pajaro triste” from Impresiones intimas (1914)

Olivier Messiaen (1908-1992):“Le rouge-gorge” from Petites esquisses d’oiseaux (1985)

Takashi Yoshimatsu (1953-) “Interlude with Birds” from Pleiades Dances II Op.28 (1987)



16:20-16:40 **“Methods in Japanese traditional music to evoke connections with nature”**

Shakuhachi, Koto and Sangen Performance including Talk

Koto and Sangen (three-stringed instrument) / Yasuko Fukuda

Syakuhaichi: Japanese Bamboo flute / Keizan Tanabe, Japan

16:40-17:00 **“Harmony of Japanese traditional musical instruments and sound of nature.”**

/ Haruo Okada, Yasuko Fukuda and Keizan Tanabe

Michio Miyagi (1948) “Isuzugawa: Isuzu river” Clean river flow sounds : Koto solo by Yasuko Fukuda

Tozan Nakao (1905) “Tsuru no Sugomori (Crane nesting) Syakuhaichi solo by Keizain Tanabe

Kineya Seihou (1975) ” Meikyō: Bright mirror

Katsuhiko Yoshizaki “Hikari no Shizuku: Drops of light

Encore: Kousaku Yamada (1927) ” Aka Tombo (Red dragonfly) “



Keizan Tanabe
Bamboo flute
(Shakuhachi) Player.
Performance is free from
genre, while respecting
Japanese classics.



Yasuko Fukuda
Univ. of the Arts
Tokyo, Doctor of
music, Koto Lecturer.
Player of Koto,
Sangen, Zyushitigen.



Haruo Okada
Pioneer Sound Lab.
Sound Designer,
Recording director,
SoundBum, Natural
sound recording.



Tetsuya Sakuma
Assoc. Prof. of Univ. of
Tokyo. Environmental
acoustics for human life
in architectural and
urban spaces.

17:10-18:40

Farewell party

(**Sushi/Drinks Discussion**)

Entrance of FS hall

/Hiroyasu Hama - Sushi Chef
of Osakana-Club,
at University of Tokyo, Japan

