

Hokkaido University



Sapporo Campus



The 21st Hokkaido University – Seoul National University Joint Symposium

Plenary Session and Welcome Reception

Challenges for Academic Libraries and Roles of University Museums/Galleries

- ◆ KEIO PLAZA HOTEL SAPPORO, Eminence Hall
- ◆ 8 NOVEMBER 2018, 17:00-20:30 *Welcome reception opened to all the Satellite Session Participants

PROGRAMME

- 16:30-17:00 Registration
- 17:00-17:10 Welcome Remarks
President Toyoharu NAWA, Hokkaido University
- 17:10-17:20 Special Address
Acting President Chan Wook PARK, Seoul National University
- 17:20-17:30 Exchange Tokens and Group Photo
- 17:30-17:50 Plenary Session Presentation 1 - HU
Assoc. Prof. Yoshitsugu KOBAYASHI, Hokkaido University Museum
- 17:50-18:10 Presentation 2 – SNU
Prof. Young Mok CHUNG, Seoul National University Museum of Art
- 18:10-18:20 Intermission
- 18:20-18:40 Presentation 3 – HU
Assoc. Prof. Katsusuke SHIGETA, Inst. for the Advancement of Higher Edu.
- 18:40-19:00 Presentation 4 – SNU
Prof./Gen. Dir. YiJong SUH, Seoul National University Library
- 19:00-19:10 Wrapping Up by Presidents
Buffet Dinner and Table Conversations
- 19:10-20:20 Toast
- 20:20- Closing Remarks

Adjourn



Katsusuke SHIGETA, PhD.

Katsusuke Shigeta is an associate professor of Information Initiative Center at Hokkaido University. He is an associate director of the Center for Open Education at the University and the president of the Japan OCW consortium.

His specialty is educational technology, especially in the research of the development of online learning and distance education utilizing open educational resources(OER).

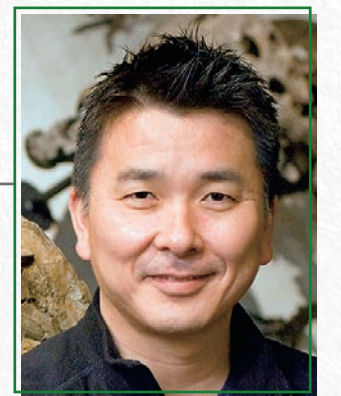
He is leading the national survey of IT introduction in higher education in Japan including the awareness of OER and MOOC.

Yoshitsugu KOBAYASHI, PhD.

BS. University of Wyoming, Arts and Sciences
MS. Southern Methodist University
PhD. Southern Methodist University

Yoshitsugu Kobayashi is an associate professor of Hokkaido University Museum, Invited Associate Professor of Osaka University Museum, Associate Researcher of Perot Museum of Nature and Sciences, Texas, USA, and a member of the Committee of Research and Exploration of the National Geographic Society.

Known as one of the world-leading palaeontologists today, he has continued his research in dinosaur, which includes his latest discovery of a complete skeleton of terrestrial dinosaur in Hokkaido.



Yi-Jong SUH, PhD.

BA. Seoul National University
MA. Seoul National University
PhD. Free University of Berlin

Yi-Jong Suh is the General Director of Central Library, Seoul National University. His research fields cover a wide range of sociology from social issues of IT and BT, information and knowledge, to medicine and diseases as hospice/end of life care. He has served in various societies and educational boards, which include current appointment as the Vice-PM of SSK* Middle Size of Research Team of Aged Society.
*Social Science Korea (SSK)



Young Mok CHUNG, PhD.

BA. Illinois State University
MA. University of Illinois at Urbana-Champaign
PhD. University of Illinois at Urbana-Champaign

Young Mok Chung is a professor at Department of Painting, College of Fine Arts, Seoul National University. Serving as the Director of Seoul National University Museum of Art, and the Executive Directors of Chang Ucchin and You Youngkuk Art Foundation, South Korea, he has particularly investigated visual arts, Western art history and postmodern art in Korea.



The 21st

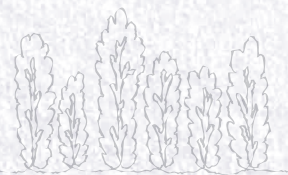
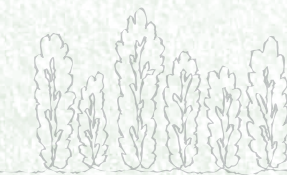


JOINT SYMPOSIUM

8-9 NOVEMBER 2018

Hokkaido University - Seoul National University




Toyoharu NAWA

 President of
Hokkaido University

Using this opportunity to hold the memorable 21st Hokkaido University (HU) – Seoul National University (SNU) Joint Symposium in Hokkaido, I would like to extend a warm welcome to all the participants on behalf of the University.

This year, setting the plenary session theme as the *Challenges of Academic Libraries and Roles of University Museums/Galleries*, I would like to investigate the fundamental parts of universities, common-use facilities through the presentations by four distinguished speakers.

Those facilities are knowledge halls for the academia and where we can showcase the latest research outcome in a non-academic-people-friendly manner. For instance, in Hokkaido University, there is a wood deck as the barrier-free entrance of the museum, which was designed and constructed by graduate students of engineering under the direction of a construction company in Sapporo, with woods from the University Research Forests.

Hokkaido University Museum sets its goal to act as an open-style hub for university/non-university people. The University Museum promotes one of the university concepts, positivism-like practical intelligence education based on experiences; Museum-Meister Course to offer students curation lectures and Parataxonomist Training Course are popular courses unique to the Museum.

Hokkaido University Library is in pursuit of cultivating the imagination as well as knowledge of people. The future of our universities is linked to the future of knowledge

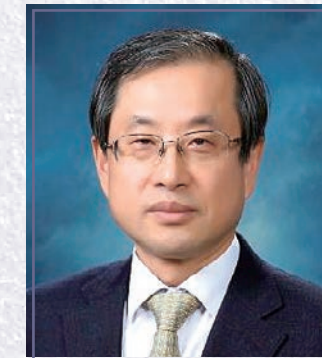
there, which is collected, preserved and investigated by academics and students over the decades. Challenges for Academic Libraries are namely challenges for universities.

Actuality is special. Although the 21st century technologies provide people easy-accessible prepared information through the small screens of smartphones, museums/galleries and libraries still provide them a volume of actual materials and places to share the moments with others. On the other hand, even though their materials still have values as the intellectual assets, those university facilities are requested to show their continued progression for object-based research and education, and another capability in this century. This reflects the concept 'universities opened to the public' which is demanded by society. About twenty years ago, around the commencement of this Joint Symposium, the National Council on Educational Reform in Japan released a report to confirm the importance of opening the university facilities to the public, as well as lifetime education and internationalisation, through a part of organisational and management reform in higher educational institutions.

Museums/galleries and libraries are positioned as internal communal educational research facilities, where internal members have education or conduct research, however they should be more than that. More than other research facilities, museums/galleries and libraries are both in a close distance and much opened to the larger communities outside the universities, and therefore, are expected to satisfy the public demands as cultural functions and commercial extensions.

Encounters with creativity and artistry stimulate inspiration of people. As science helps to improve our future, art helps to expand our capacity by enriching humanity and sensitivity. In a point of my University Museum experience, I am happy to remember the Sedgewick Museum of Earth Sciences in Cambridge where local children gather around, observe exhibited pieces in various eye-levels and play with mock fossils and gems under the colourfully decorated interiors. Those future researchers are certainly fans of the museum there.

The University Museums and Collections database by the International Council of Museums and the Committee for University Museums and Collections shows South Korea and Japan as ones of the rich countries in the number of university museums/galleries. With many thanks to all the people who made this symposium happen, I sincerely hope this symposium will contribute to the facility environment of the universities and its future progress.


Chan Wook PARK

 Acting President of
Seoul National University

It is my great pleasure and privilege to be here at the 21st Joint Symposium and, on behalf of SNU, to express our gratitude to Hokkaido University members who have made great effort to prepare this event.

I would like to take this opportunity to share with you my view on the wind of change we are all facing now. The advances in science and technology, called the Fourth Industrial Revolution, has put us all on the first pages of a whole new era. At that starting point, we are witnessing dramatic changes and transformations in our societies. From there, it is expected that we will enjoy unprecedented material conveniences. At the same time, we are facing unforeseen problems and challenges such as digital divide, climate change, epidemic diseases, and socio-economic polarization. There are also growing worries about the possibility of human beings to be completely replaced by machines and artificial intelligence.

In the midst of massive changes, all nations, businesses, institutions, and individuals are being asked for new attitudes and ideas, for which we are not necessarily well prepared. Universities are no exception, either. We all know that there are growing concerns about the future of higher education institutions, most of which are still embedded in the traditional attitudes and ideas.

The good news is that a growing number of universities—including SNU and Hokkaido University—are doing their best to develop new approaches to those new challenges. We are increasingly realizing that universities are no longer an ivory tower. They should further promote cooperation and collaboration with business corporations and governments in order to lead the technological advances in emerging industries such as Bio-inspired Technology, Big data, IoT Technology and the like. Universities also work together with concerned parties to make these technologies morally and socio-economically correct as well as friendly.

Universities should no longer be satisfied with producing fragmented knowledge within the traditional framework of division of labor. We need to cultivate and grow "connected" and "collective" knowledge to address comprehensive and complex problems. I believe the knowledge of how to connect otherwise separated dots and the "knowledge of knowledge".

In that regard, the roles of "knowledge of knowledge institutions" such as university libraries, museums, and galleries are becoming ever more important. In the past, it was all about gathering and storing knowledge. Gathered knowledge has been translated and transformed into numerous books and academic works in different fields of study. But now, we need to go many steps further by linking knowledge in all different sectors together and create a new architecture of creative and integrated knowledge.

That is why SNU opened the Creative-Media Space(창의미디어스페이스) this past June at the SNU Central Library. In this space, students can experience VR technology and produce their own media outputs related to those VR experience. SNU is committed to creating new knowledge by connecting existing ones across different majors and fields of study. I am looking forward to what is waiting for us next.

I believe that the mutual collaboration between SNU and Hokkaido University for the past 21 years has served, and will serve as an important building block upon which faculty members and students both can learn about new knowledge demanded by the new era. I would like to congratulate on our joint efforts at seeking for creative strategies to utilize our research outcomes for a better future and society. I truly look forward to learning a lot from this symposium. It is my sincere hope that all the participants will also enjoy the beauty of sharing and exchanging their expertise and knowledge!

The 21st HU-SNU Joint Symposium (The List of Satellite Sessions) — 8, 9 NOVEMBER in Hokkaido —

#	Date	Venue	Time	Theme	Hokkaido University		Seoul National University	
					Dept./Faculty/College	Chair	Dept./Faculty/College	Chair
1	9 Nov	Faculty of Engineering	Full Day	The 7th Joint Symposium on Materials Science and Engineering	Faculty of Engineering	Prof. Naoyuki HASHIMOTO	Department of Materials Science and Engineering, College of Engineering	Prof. Heung Nam HAN
2	9 Nov	Graduate School of Information Science and Technology, Conference Rm.	10:30-17:00	2018 International Workshop on New Froniters in Covergence Science and Technology: Convergence Information Technologies for Academic Libraries	Graduate School of Information Science and Technology	Prof. Hiroshi HIRATA	Graduate School of Convergence Science and Technology	Assoc. Prof. Yuanzhe PIAO
3	8-9 Nov	Faculty of Science, Bldg. #4	DAY 1 - 13:30-16:15 DAY 2 - 10:00-16:20	The 13th HU-SNU Joint Symposium on Mathematics: Probability and Functional Analysis	Department of Mathematics, Faculty of Science	Prof. Jun MASAMUNE	Department of Mathematical Sciences, College of Natural Sciences	Assoc. Prof. Hun Hee LEE
4	8 Nov	Faculty of Dental Medicine	14:00	Changing Role and Functions of the Dental Library in the Future	Faculty of Dental Medicine	Dean and Prof. Yasutaka YAWAKA	School of Dentistry	Prof. Sam Sun LEE
5	7 Dec	Faculty House Trillium, Meeting Rm. #1	9:30-18:00	Collective Memory, History, and Sociology	Graduate School of Letters	Prof. Yoshihide SAKURAI	Department of Sociology	Prof. Hong-Jung KIM
6	29 Nov	National Dong Hwa University, Taiwan		2018 NTNU-KU-SNU-HU Joint Symposium on Science Education North-South Conference in STEM Education: Emerging Trends for New Asia	Faculty of Education	Prof. Eizo OHNO	Center for Education Research, Center for Science Education, College of Education	Prof. Junehee YOO
7	16 Nov			Toward Understanding of Changing Environment in a Warming World	Faculty of Science	Assoc. Prof. Yoshinori SASAKI	School of Earth and Environmental Sciences, College of Natural Sciences	Assist. Prof. Hanna NA
8	16 Nov			2018 Hokkaido University - Seoul National University Joint Symposium in Ophthalmology	Ophthalmology Department, Graduate School of Medicine	Clinical Assoc. Prof. Kenichi NAMBA	Ophthalmology Department, College of Medicine	Prof. Hyeong Gon YU
9	29-30 Nov	Community Hall Enyu Gakusha	DAY 1 - 9:15-18:00 DAY 2 - 9:15-17:00	HU-SNU-MU-WU Joint Class 2018: Environmental Chemicals and Human Health	Center for Environmental and Health Sciences	Specially-invited Prof. Reiko KISHI	Department of Environmental Health Sciences, Graduate School of Public Health	Prof. Kyungho CHOI
10	9 Nov		9:00-12:30	ICT and IOT in Medicine	Hokkaido University Hospital	Dir. and Prof. Kiyohiro HOUKIN	Seoul National University Hospital	President and CEO Chang-Suk SUH

International Affairs Department Hokkaido University

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