

# 2019 Global Commercialization Conference and Workshop

## Global Commercialization Conference and Workshop for Innovative Development

**MAY 8th(Wed) ~ 10th(Fri), 2019**

**MAY 08**

**Lotte City Hotel Daejeon - Crystal Ballroom**

13:30~15:00 / Opening Address & Keynote Speech  
15:30~18:00 / Session1 Smart City

**MAY 09**

**KAIST Munji Campus - L104**

09:00~12:00 / Session2 ICT & AI  
13:30~15:30 / Session3 Energy  
16:00~18:00 / Session4 New Materials

**MAY 10**

**KAIST Munji Campus - L104**

09:00~12:00 / Session5 Bio, Health, Cosmetics  
13:30~15:30 / Session6 Smart Agriculture  
16:00~18:00 / Session7 Investment

• Hosted by



Ministry of Science and ICT



대전광역시



한국과학기술원

• Organized by



GCC



ITTP



KIST

• Sponsored by



KIST



KIST



KIST



KIST



KIST



KIST



KIST



KIST



KIST



KIST



KIST



# Welcoming Message

On behalf of the Organizing Committee for 2019 Global Commercialization and Workshop, I am pleased to organize this event and be honored to invite you.

Increasing emphasis on global technology commercialization builds up considerably as we move further into the 21<sup>st</sup> century. Technology transfer and commercialization is one of the keys to establish economic development with industry and to accelerate the national competitiveness. To commercialize technology internationally, it is required to have strategic ways of access to profound intellectual resources. Therefore, global cooperative network will play a vital role to drive better achievement. With regard to creating international joint efforts, it is crucial to take part in each stage from a nation's governmental level to levels of research institutes, industrial and academic communities.

The workshop will be held under the theme of "Global Commercialization Workshop for Innovative Development" on May 8<sup>th</sup> to 10<sup>th</sup> in KAIST Daejeon, Korea. Through this event, we are expecting to have the professional entities in the field of ICT&AI, Energy, New Materials, Bio, Health, Cosmetics, Smart Agriculture, and Investment. In addition, there will be not only strategies of global cooperative network for technology commercialization but practical acknowledgement by international and domestic experts of technology transfer, co-research project, and ways of collaboration.

Since this event brings all the cooperative partners together – from government representatives, R&D researchers, and industry partners, your participation will be considered countlessly valuable in terms of drawing relationship of international cooperation. We look forward to having opportunities to build mutually beneficial relationship through this meaningful event. Also, we appreciate all the speakers and participants, domestic and international, for taking time out to attend and to support this event. Thank you.

**Professor Mun-Kee Choi**

Director of KAIST Global Commercialization Center

## Day 1 Program of Conference

May 8<sup>th</sup> (Wed), 2019

at Lotte City Hotel Daejeon – Crystal Ballroom

13:00 ~ 13:30 Registration

### Opening Ceremony & Keynote Speech (Moderator: Prof. Jae-Jeung Rho, Director of ITTP, KAIST)

13:30 ~ 14:10

- Opening Address: Mun-Kee Choi, Director of KAIST Global Commercialization Center
- Opening Remark: Sung-Chul Shin, The President of the KAIST
- Congratulatory Message: Yong-Soon Park, Vice Mayor of Daejeon Metropolitan City
- MOU(Memorandum of Understanding) Signing Ceremony
- Commemorative Photograph

14:10 ~ 15:30

- Keynote Speech 1: Dra. Florencia Ferrer, CEO of e-Strategia Publica, Brazil  
"Latin America: the challenge for institutional and technological innovations"
- Keynote Speech 2: Hyun Kim, Assistant Vice President of Electronics and Telecommunications Research Institute, "IoT Tech Trends and its Applications"

15:30 ~ 15:50 Break Time

### Session 1 (Moderator: Dr. Sang-Keon Lee, Senior Research Fellow of KRIHS ) – Smart City

15:50 ~ 17:30

- Young-Joon Moon, Chief Director of The Korea Transport Institute, "Urban Connected Automated Shuttle System Development"
- Ick-Hoi Kim, Associate Research Fellow, Smart City Research Center, The Korea Research Institute for Human Settlements, "Smart City & Future Direction"
- Sang-Keon Lee, Senior Research Fellow of The Korea Research Institute for Human Settlements, "Global Smart City Development Consulting and its Implication"
- Jong-Yeol Park, Managing Director of Electronics and Telecommunications Research Institute, "Dumping Action Detection in Real World (Deep Learning and its Application)"

17:30 ~ 20:00 Welcoming Dinner at Lotte City Hotel Daejeon

## Day 2 Program of Workshop

May 9<sup>th</sup> (Thur), 2019

at KAIST Munji Campus – L104

8:30 ~ 9:00 Registration

### Workshop Session 2 (Moderator: Dr. Jong-Heung Park, Executive Director of R&D Commercialization Department, ETRI) – ICT & AI

- 9:00 ~ 12:00
- Geon-Woo Kim, Principal Researcher of Electronics and Telecommunications Research Institute, "Deep Learning Technology for Object Recognition using CCTVs"
  - In-Sik Seo, CEO of NEXT INNOVATION, "Equal Access for The Blind"
  - Phillip Huh, CEO of Lucentblock, "Offshore Investments Made Simple"
  - Hyun-Min Suh, Senior Researcher of S2W LAB Inc., "The Big Data Analytics for Cyber Security using Darkweb"
  - Hong-Seop Choi, Brain Team Leader of Mindslab, "'maum.ai', Artificial Intelligence Service that Makes Your Business Success"
  - Hoon Jung, Director of Electronics and Telecommunications Research Institute, "Current Status of Drone Delivery Technology and Service"
  - Enrico Paringit, Executive Director of Philippine Council for Industry, Energy, and Emerging Technology Research and Development (DOST-PCIEERD), Philippines
  - Ernesto Rodriguez Leal, Director of Rotoplas, Mexico

12:00 ~ 13:30 Lunch Break

### Workshop Session 3 (Moderator: Mr. Edward Z. Kim, Chief of Biz Development Team, KIER) – Energy

- 13:30 ~ 15:40
- Min-Jin Kim, Principal Researcher of Korea Institute of Energy Research, "Fuel Cell System for Buildings to Activate Clean and Safe Hydrogen Economy"
  - Dal-Ryung Park, CEO of DR Fuel Cell Co., Ltd., "Fuel Cell Based Micro Combined Heat and Power (Micro-CHP) Systems for Smart Community"
  - Jin-Seok Lee, Principal Researcher of Korea Institute of Energy Research, "Recycling of Photovoltaic Module"
  - Jae-Hee Lee, Director of GAIA, "Global Technology Commercialization of Electric and Gas Heat Source Dryer by Upcycling of Foodwaste"
  - Abdullah Al-Shakry, CEO of Phaze Ventures, Oman

15:40 ~ 16:00 Break Time

### Workshop Session 4 (Moderator: Ms. Min-Jeong Kim, Head of Tech Licensing Office, KIMS) – New Materials

- 16:00 ~ 18:00
- Kyung-Tae Kim, Principal Researcher of Korea Institute of Materials Science, "Defect-Engineered Thermoelectric Materials"
  - Gab-Moon Jeong, Director of SHINSAEGI MEDI-TECH, Improved Biocompatibility of Dental Implant"
  - Sung-Gyu Park, Director(Principal Researcher) of Korea Institute of Materials Science, "Massive Fabrication of Ultrasensitive and Reproducible Biosensor Chips"
  - Hye-Moon Lee, CEO(Principal Researcher) of Alink Co., Ltd., "Conductive Filter with Low Pressure Drop for High Removal of Fine Particulate Pollutant"

## Day 3 Program of Workshop

May 10<sup>th</sup> (Fri), 2019

at KAIST Munji Campus – L104

8:30 ~ 9:00 Registration

### Workshop Session 5 (Moderator: Dr. Hong-Weon Lee, Director for Division of Bioeconomy Innovation, KRIBB) – Bio

- 9:00 ~ 10:10
- Victor Castillo, President of Cardiovascular Foundation (FCV), Columbia
  - Moo-Woong Kim, Principal Researcher of National Bioengineering Policy Center, "Domestic Bio-industry and Policy"
  - Soon-Woong Kim, Representative Patent Attorney of JUNGJIN, a Patent Company, "Global Bio-Technical Business Strategies"

10:10 ~ 10:30 Coffee Break

- 10:30 ~ 12:00
- You-Bong Lim, CEO of PlasMapp, "Low Temp. Plasma Sterilization Tech."
  - Byoung-Chan Kim, CEO of HealthBiom Inc., "Pharmabiotics : Therapeutics for Incurable Disease based on Microbiome"
  - Jun-hyung Park, CEO of 3BIGS, "Future and Prospect of Convergence BIO Industry"
  - Carola Medina Oreamuno, Director of Ministry of Science, Technology and Telecommunications, Costa Rica

12:00 ~ 13:30 Lunch Break

### Workshop Session 6 (Moderator: Dr. Young-Hwa Kim, Principal Researcher, RRI) – Smart Agriculture

- 13:30 ~ 15:30
- Hyeong-Gyu Kim, Chief Researcher of KT, "GiGA Smart Farm Technology and Cases"
  - Seung-Ho Tak, Honorary Professor of Seoul National University, "Smart Farm Cultivation base on Contract"
  - Dae-Hyeon Kang, Vice President of Farm8, "Status of Plant Factory in Korea"
  - Yeong-Hwa Ham, CEO of AgriRobotech, "Korean Smart Farm for Livestock"
  - Tin Htut Oo, Chairman of Agribusiness and Rural Development Consultants ARDC and YOMA Strategic Holdings Co., Ltd., Myanmar
  - Soc Trang, Local Government Officer, Vietnam

15:30 ~ 16:00 Break Time

### Workshop Session 7 (Moderator: Mr. Jason Koo, Director of LB Investment) – Investment

- 16:00 ~ 18:05
- Jason Koo, Senior Managing Director of LB Investment, "The Present Status and Prospect of Korea Venture Capital"
  - Jeong-Bae Park, CEO of Orbit HR, "Strategy to Penetrate into Asian Market"
  - Louis Walcer, Director of Kevin M. McGovern Family Center for Venture Development in the Life Sciences, Cornell University, USA
  - Egor Shipitsyn, Executive Director of National Association of Technology Transfer, Russia
  - Seung-Hyun Kim, CEO of 300 Partners, "How to Break into Venture Capital and Think Like an Investor"

18:05 ~ 20:00 A Farewell Dinner at KAIST Main Campus N6 (Faculty Club)

# 2019 Global Commercialization Conference and Workshop

Global Commercialization Conference and  
Workshop for Innovative Development

May 8<sup>th</sup> (Wed), 2019

Lotte City Hotel Daejeon – Crystal Ballroom

<https://www.lottehotel.com/daejeon-city/en/location.html>

33, Expo-ro 123beon-gil, Yuseong-gu, Daejeon,  
Korea Lotte City Hotel Daejeon  
+82-42-333-1000

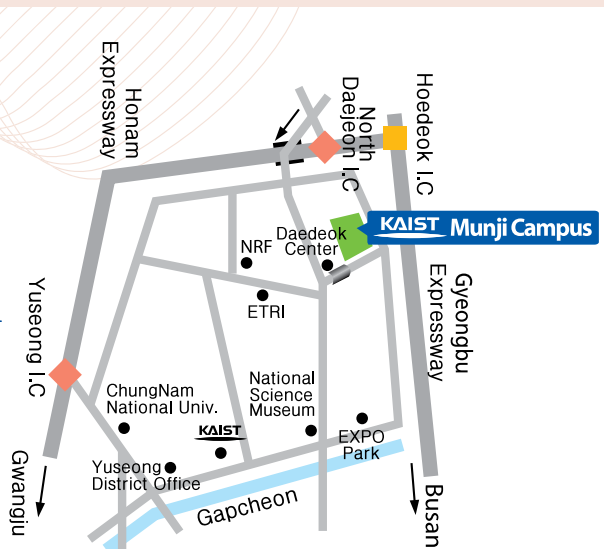


May 9<sup>th</sup> (Thur) ~ 10<sup>th</sup> (Fri), 2019

KAIST Munji Campus – L104

<https://www.kaist.ac.kr/camtour/en/munji.html>

193, Munji-ro, Yuseong-gu, Daejeon,  
Republic of Korea  
+82 42-350-2114



KAIST (Korea Advanced Institute of Science and Technology) <http://www.kaist.ac.kr>

KAIST GCC (Global Commercialization Center) <http://gcc.kaist.ac.kr>



**KAIST** Global Commercialization Center