

IAI Grand ICT Research Center

Director : Professor Seok Chan Jeong, Ph.D

Dong-Eui University, Busan, Republic of Korea

Funded by





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1

Chapter

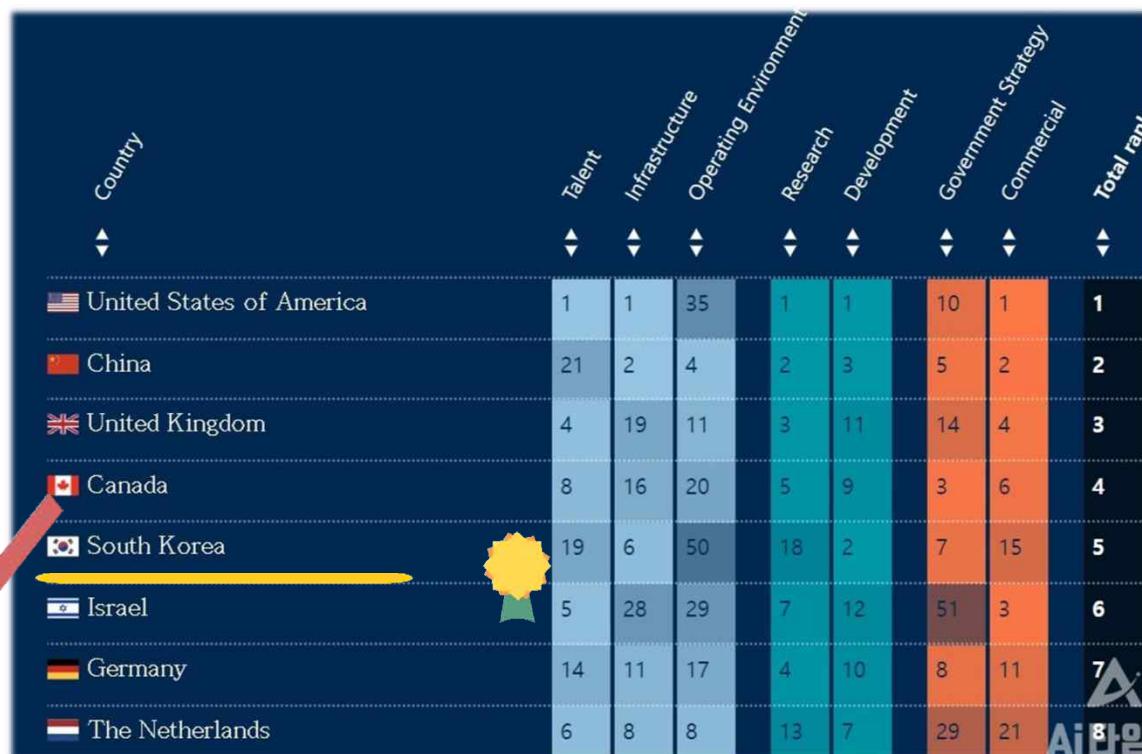
Background



1-1

South Korean government's Artificial Intelligence development roadmap

South Korea ranks 5th in the Global AI Index... 3 steps higher than 2020



Reference: Tortoise Media, The Global AI Index,
<https://www.tortoisemedia.com/intelligence/global-ai/>, 2021.10.12

The South Korean government announced the 'AI National Strategy' in 2019.

- Create economic effects of up to 455 trillion won (350 billion \$) by 2030
- Aim to rank 3rd in the world for digital competitiveness and 10th in the world for quality of life

\$1.1 billion investment in AI and semiconductors

- Intensive investment in AI diffusion and AI-based businesses, and establishment and support of AI research centers



1-2

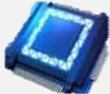
South Korea government announced its '**Korea's National AI Strategy**' to become a top 3 global AI leader (Sep. 2024)

Four Flagship Projects of Korea's National AI Strategy

01

AI Semiconductors

Advancing next-generation AI chip technology



Memory Semiconductors for AI

1st

02

Intelligent Government

Enhancing public services with AI



Public AI
55%



03

AI Convergence Clusters

Building regional AI industry hubs



04

AI Talent Development

Nurturing top-tier AI professionals



The **AI Grand ICT Research Center** actively contributes to realizing Korea's National AI Strategy through research, collaboration, and talent development.

1-3

Busan Metropolitan City has declared its '**Comprehensive AI Strategy**' to become a global AI Hub City (Mar. 2025)

Four Flagship Projects of Busan's Comprehensive AI Strategy



01

AI Infrastructure Development

Building high-performance computing and cloud infrastructure to support AI innovation



02

AI Talent Cultivation

Expanding AI education and training programs to nurture future experts



03

AI Industry Ecosystem

Fostering AI startups and facilitating collaboration between academia, industry, and government



04

AI for Public Services

Applying AI to improve public administration, transportation, healthcare and citizen services



The **AI Grand ICT Research Center** plays a pivotal role in implementing Busan's Comprehensive AI Strategy, particularly in fostering AI talent and industry collaboration



Chapter 2

Introduction



2-1

Goal: Improving Busan's economy through the cultivation of AI professionals and industry-academia R&D collaboration

Project Period

7.6 Years

2020. 07.01 ~ 2027. 12.31

Total Project Budget

\$ 13.6 million

\$ 1.7 million per year

Host Institution

Dong-Eui University



Joint Institution

**Busan IT Industry
Promotion Agency**



 **BUSAN
METROPOLITAN CITY**



 **동의대학교
DONG-EUI UNIVERSITY**



 **부산정보산업진흥원
Busan IT Industry Promotion Agency**



**Operation of Graduate School of
Artificial Intelligence Department**



**Conducting AI Industry-Academia
Collaborative Research**



**Building a cooperative platform
(Industry-University-Research-Institution)**



2-2

Director : Seok Chan Jeong, Ph.D



- Received a Award of Commendation from the Mayor of Busan Metropolitan City for Outstanding Achievement in the Field of Social Performance(2024), in Busan, Republic Korea
- Received the Order of Merit for Contributions to the Advancement of Korea's Software Industry (2019)
- Awarded by the Minister of Knowledge Economy for IT Innovation(2008)

Field of Specialization

AI, Big Data, IoT, Edge Computing

Major careers

- Bachelor, Pusan National University, in Busan, Republic Korea (Mechanical Design Major)
- Master & Ph.D. , Osaka Prefecture University, Osaka, Japan (Industrial Engineering Major)
- Senior Researcher, Electronics and Telecommunications Research Institute(1993.2~1999.2)
- Professor, Dept. of e-business & Graduate School of Artificial Intelligence, Dong-Eui University (1999.3~present)
- Director, AI Grand ICT Research Center (2020.7~present)
- Dean, Graduate School of Business Administration, Dong-Eui University(2025.8~)
- Dean, College of Business and Economics, Dong-Eui University(2025.8~)



2-3

History

2020

2020.07 Opened AI Grand ICT Research Center and Graduate school of Artificial Intelligence

2021

2021.09 Participated in AI KOREA exhibition (BEXCO, Busan)
2021.12 Hosting an Open Campus on the Theme of AI, Inviting the Mayor of Busan Metropolitan City

2022

2022.02 Selected as the Official AI Technology Support Center by Busan Metropolitan City
2022.04 Participated in World IT Show – Talent Development Competition hosted by IITP
2022.10 Hosted by Digital Transformation Conference 2022 in Busan
2022.11 Hosted Step-Up! Artificial Intelligence Grand ICT Job Festival

2023

2023.04 Participated in the 2nd User-Centered Artificial Intelligence Forum (UCAI)

2023.04 Participated in the 2023 ITRC Talent Training Competition and selected as an excellent exhibition center

2024

2024.04 Participated in the 2024 ITRC Talent Training Competition and selected as a popular exhibition center

2024.05 Hosted the 9th XR-Metaverse International Academic Conference

2025

2025.03 Participated MWC 2025 Barcelona
2025.07 MOU with IVADO Research Institute, Canada



Chapter 3

R&D Capability



3-1

12 AI R&D Research Groups (2025)



AI Smart Port / Logistics

1st

Seok Chan Jeong



Development of AI-based port unloading work prediction and port area congestion visualization solution

2nd

Soon-kak Kwon



Development of AI-based 3D object recognition and tracking technology



AI Manufacture / Robot

3rd

Hyerim Bae



A study on facilities management and operational efficiency using manufacturing data analysis

4th

Sangmin Lee



Development of an industrial channel/nozzle flow monitoring and intelligent diagnostic platform



AI Smart City

9th

SungHyun Sim



Development of XAI-based smart safety detection technology for children's life safety

10th

Jung-Hun Lee



Case-based legal counseling system using Large Language Model(LLM)

11th

Chan-Young Kwon



Development of ICT-based mental health management and smart medical system for high-risk groups with job stress such as medical workers

12th

Sang-Lee Cho



The relationship between service robot satisfaction and corporate satisfaction



3-2

Outcomes of the AI Grand ICT Research Center's Initiatives (2020~2025)

Technology transfer

53 cases
(\$627,000)



Patent

115
applications
36
registered



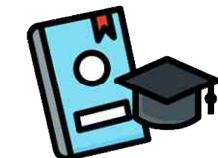
SW registration

117 cases



Papers

SCI : 98



Funding amount from industry Academia collaborative projects

\$2,030,000





3-3

Achievements in the Commercialization of R&D Results (Technology Transfer)

Technology Transfer Status		
Time	Number of Technology Transfers(cases)	Royalty Contract Amount (\$/USD)
2020	2	16,355
2021	15	165,757
2022	10	202,441
2023	12	99,726
2024	8	74,726
Total	47	559,005

at 1,400 KRW/USD

Representative Technology Transfer Achievement

Technology Transfer Company: XI EduLabs Co., Ltd.

Date of Transfer: September 24, 2024

Transfer Amount: \$10,196 (USD)

Technology Transferred:

The voice signal separation method for distinguishing between infant and adult voice signals, a training method for voice signal separation models, and a voice signal separation device

Potential Benefits:

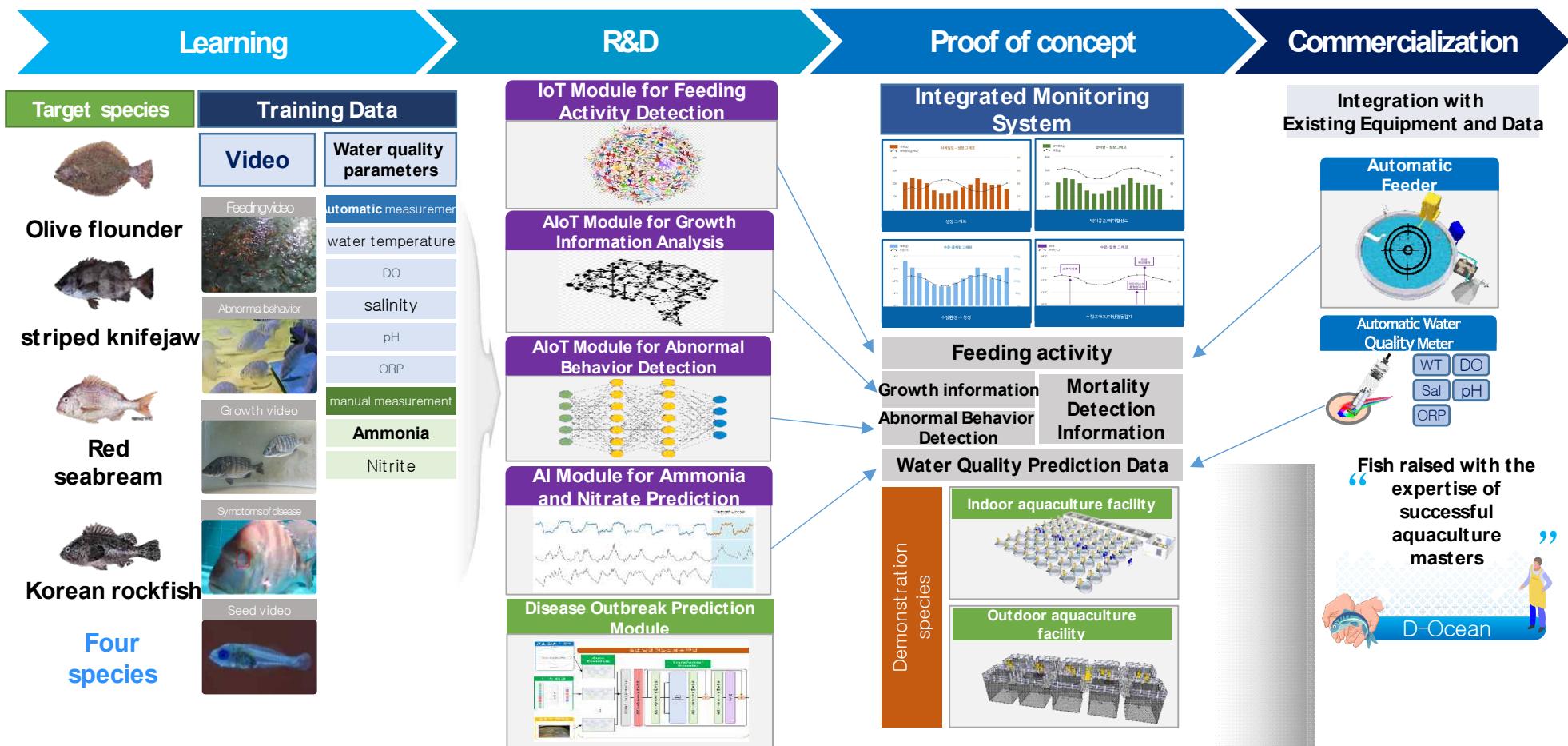
The development of the world's first AI learning methodology capable of training on data such as infant speech exhibits significant variation in the frequency domain (time-series patterns), enhancing such data's usability



3-4

Owned Technology – Case I

IoT and AI-Based Smart Aquaculture Management System

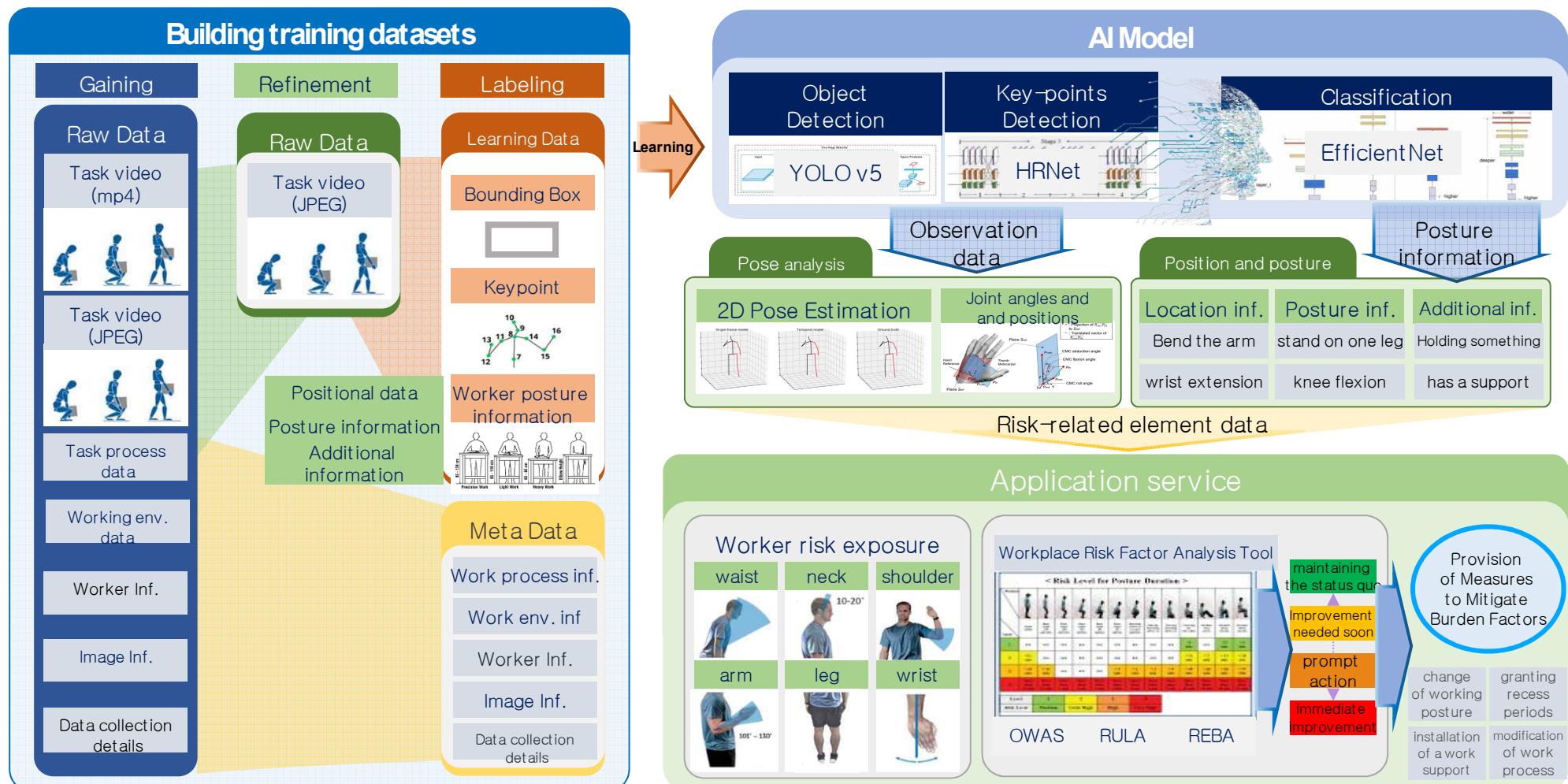




3-5

Owned Technology – Case II

AI-Based Technology for Alerting Abnormal Operations by Analyzing Worker Task Patterns





3-6

Award from the Minister of the Interior and Safety for Public Service Innovation Contributions

 국제신문

국내 | 해외

국내

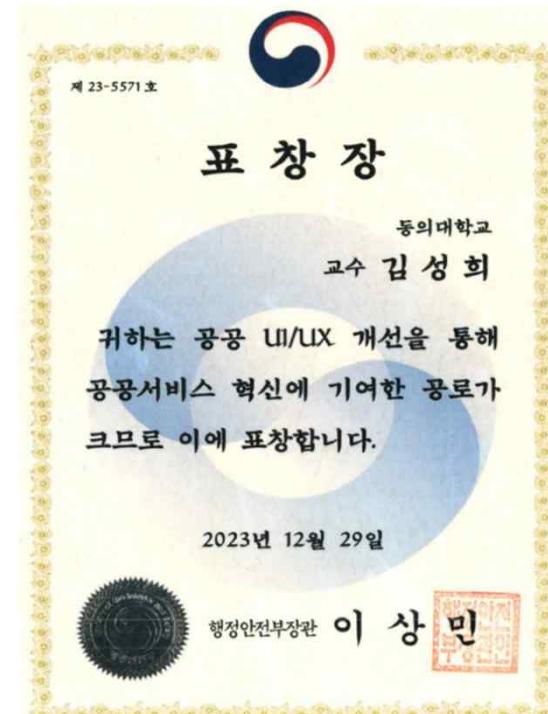
동의대 김성희 산업ICT기술공학전공 교수 행정안전부 장관 표창
디지털정부 공공 UI/UX 개선 통한 공공서비스 혁신 기여 공로

이인경 기자 koy1116@kookje.co.kr | 일자 : 2023-12-13 16:02:16



김성희 교수는 행정안전부와 한국지능정보사회진흥원의 UI/UX 혁신TF 인간위원으로 위촉되어 공공행정 UI/UX 혁신을 위한 시범사업 추진과 중장기 로드맵을 수립했으며, UI/UX 표준모델 개발 분과에서 정부24 봉사서비스와 코레일톡 앱에 대한 UI/UX 개선 작업 및 배포에 참여했다.

Professor Sung-Hee Kim of Dong-Eui University



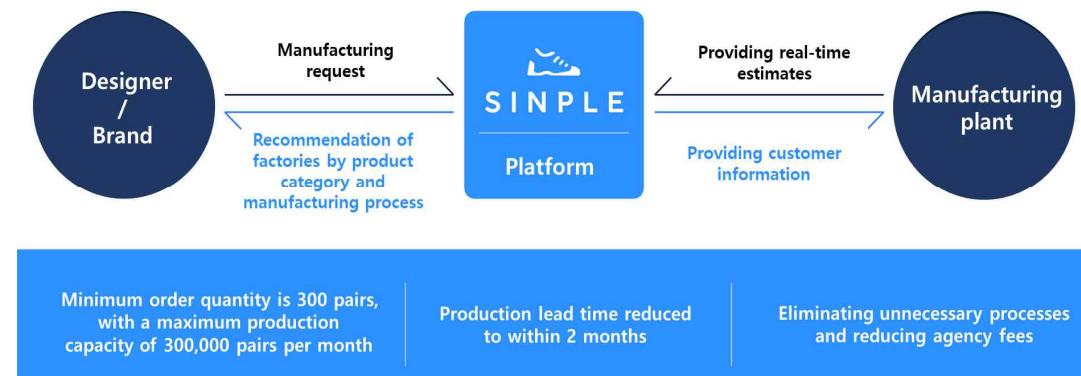
- Contribute to public service innovation through public UI/UX improvement
- Received a commendation from the Minister in the field of UI/UX innovation for digital government innovation.



3-7

Awarded the Minister of SMEs and Startups Commendation and Secured \$9.86 Million in Investment Funding (Prof. Sung-Hee Kim and Kristine Co.)

with professor Sung-Hee Kim



슈즈테크 기업 '크리스틴컴퍼니', 70억 규모 시리즈A 투자유치

유인준 기자 | 입력 2023.11.10 14:09 | 댓글 0



KDB산업은행, TKG벤처스, 아주B, BNK 등 참여... 누적투자 140억 기록
아날로그 방식 신발제조 공정의 디지털화 성공으로 미래 성장 가능성 인정받아



- Professor Sung-Hee Kim supported the development of 'SINPLE,' a footwear design support platform by Kristine Co.
- Kristine Co. successfully attracted \$9.86 million in funding.

크리스틴 컴퍼니, 2023 산업 디지털 전환 유공 '산업통상자원부 장관상' 수상

▲ 서용하 기자 | ◎ 입력 2023.11.02 15:45 | ◉ 댓글 0

[테크월드뉴스=서용하 기자] 국내 대표 슈즈 테크 기업 '크리스틴 컴퍼니'는 지난 1일 서울 코엑스에서 열린 '2023년 산업 디지털 전환 콘퍼런스'에서 유공단체 부분 산업통상자원부 장관상을 수상했다고 2일 밝혔다.



[사진=크리스틴컴퍼니/(대표 이민봉, 우측 2번째), 2023년 산업디지털전환 유공포상에 서 산업통상자원부 장관상 수상]

- Received the Minister of Trade, Industry and Energy Award for 'Contribution to Digital Transformation'



3-8

Recipient of the CES 2025 Innovation Award (Prof. Seok Chan Jeong and RoboOne Co.)

ROBin: AI-based Robot for Sorting Recyclable Waste.



CES INNOVATION AWARDS® / 2025 /

ROBOOne Co., Ltd.

2025 Honoree in Smart Cities,
Sustainability & Energy/Power

SMART CITIES

SUSTAINABILITY & ENERGY/POWER

ROBin

AI Grand ICT
Research Center



ROBOOne

- Prof. Seok Chan Jeong collaborated with ROBOOne Co. in the development of 'ROBin,' a AI-based robot for sorting recyclable waste.
- ROBin received the Innovation Award in the Smart Cities and Sustainability & Energy/Power category at CES 2025.
- ROBin was selected as an Outstanding Industry-Academia Joint Research Project by Busan Metropolitan City in 2024.
- ROBOOne Co. attracted an investment of \$10.54 million through its ROBin technology.



Chapter 4

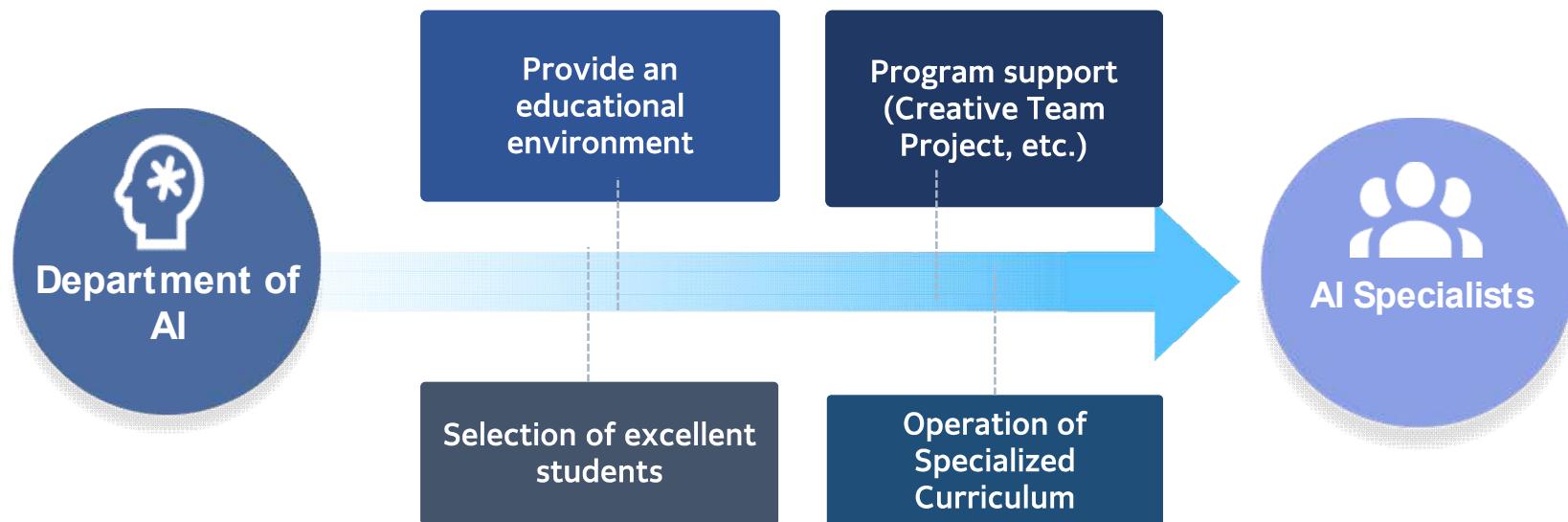
Graduate School of Artificial Intelligence



4-1

Master's and Doctoral Course

Over 25 students are admitted annually



- The AI education curriculum is designed to reflect industry needs.
- A 90% scholarship is provided especially for employees working at small and medium-sized enterprises (SMEs).



4-2

Student Overview(~2025)

Admission Semester	Enrolled	Graduated
2020	20	15
2021	35	28
2022	29	21
2023	33	25
2024	33	35
2025	39	0
Total	189	124



4-3

4th Graduation Ceremony in 2025

- Graduation ceremony for the first half of the 2024 school year ('25.02.21)



- To date, 73 1st, 2nd, 3rd, and 4th graduates have passed the graduation exam and completed master's thesis or non-thesis courses.



Chapter 5

Special Program of AI Grand ICT Research Center



5-1

Entrepreneurship Forum ('20.09.~Current)

Lead Instructor: Lee Geum-Ryong, Chairman of the Challenge & Sharing Association (Former CEO of Auction)



Participant Status		
Time	Period	Participant
1 st	‘20.09~‘20.12	245
2 nd	‘21.03~‘21.06	288
3 rd	‘21.09~‘21.12	223
4 th	‘22.03~‘22.06	205
5 th	‘22.09~‘22.12	202
6 th	23.03~‘23.06	311
7 th	‘23.09~‘23.12	246
8 th	‘24.03~‘24.06	308
9 th	‘24.08~‘24.12	328
10 th	‘25.03~‘25.06	418
Total		2,774

- Strengthening a spirit of challenge, leadership, and entrepreneurial capability through lectures on the success stories and know-how of entrepreneurs and business leaders in related fields
- Improvement of entrepreneurship and establishment of an industry-academic network through the provision of business insights



5-2

Artificial intelligence expert seminar operation

Speaker: Lee Woo-Jin, Director of the Ministry of Science and ICT



Special lecture by expert (2024.05.07)



- Experts in each field are invited to provide training focused on professional knowledge and practical training needed in the field.



5-3

AI Training & Upskilling Program

AI KOREA 2025 Attend

- 12 joint industry-university projects in the exhibition
- Regional specialized industries fused with AI technology (port/logistics/robot, etc.).

Support Project
Solving social problems with AI

- Idea contest encouraging participants to solve social problems using AI.
- Improving graduate students' creative problem-solving skills



ICT Innovation Square Project

- Intensive education in Python and TensorFlow essential for AI
- Learning through team projects and practical application training





5-4

Achievement Report Conference

2025 AI Grand ICT Research Center Achievement Report Conference



- Date: 2025.9.25(THU)
- Venue: Busan Westin Chosun Hotel, Korea
- Purpose: To showcase the Phase II achievements(2022–2025) of the AI Grand ICT Research Center and outline strategies for Phase III(2026–2027)
- Participant: 130 participants, including government officials, industry leaders, academic researchers, and center members.



- Key Programs
 - 1) Introduction of the Center's Major Achievements
 - 2) Business Success Stories by ROBOne Co., and Kristin Company Co., Ltd.
 - 3) Outstanding Project Presentations by the Center's Principal Investigators
 - 4) Awards & Recognition Ceremony for Contributors
 - 5) Networking Session for Fostering Global Collaboration



Chapter 6

Collaboration with Local Community



6-1

Collaboration Partners of the AI Grand ICT Research Center

The AI Grand ICT Research Center functions as a central hub for promoting and advancing AI technologies in the Busan

Industry-Supporting Public Institution



Busan Economic Promotion Agency



BUSAN TECHNO PARK



Korea Industrial Complex Corporation



BUSAN DEVELOPMENT INSTITUTE

Busan IT Industry
Promotion Agency

Industrial Associations in Busan



Busan IT Partners Association



BUSAN VENTURE BUSINESS ASSOCIATION



Busan Artificial Intelligence Convergence Technology Association



6-2

Partnership with Busan Metropolitan City and Busan Technopark

Visit by the Mayor of Busan



- Discussions on the sustainable development of AI with local Companies and students

Selected as No.16 BRANCH by Busan Technopark



- Act as a bridge to connect local governments, businesses, and Universities.

6-3

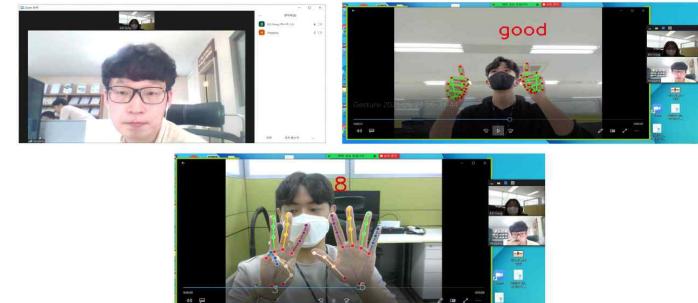
Local Enterprise Customized Cooperation Program

- Establishment of a cooperative system through the conclusion of business agreements



- Establishing a collaborative system by signing agreements with 92 organizations

- Support local small and medium-sized companies with AI tech.



- Strengthening relationships and collaborative spirit with local businesses.



7

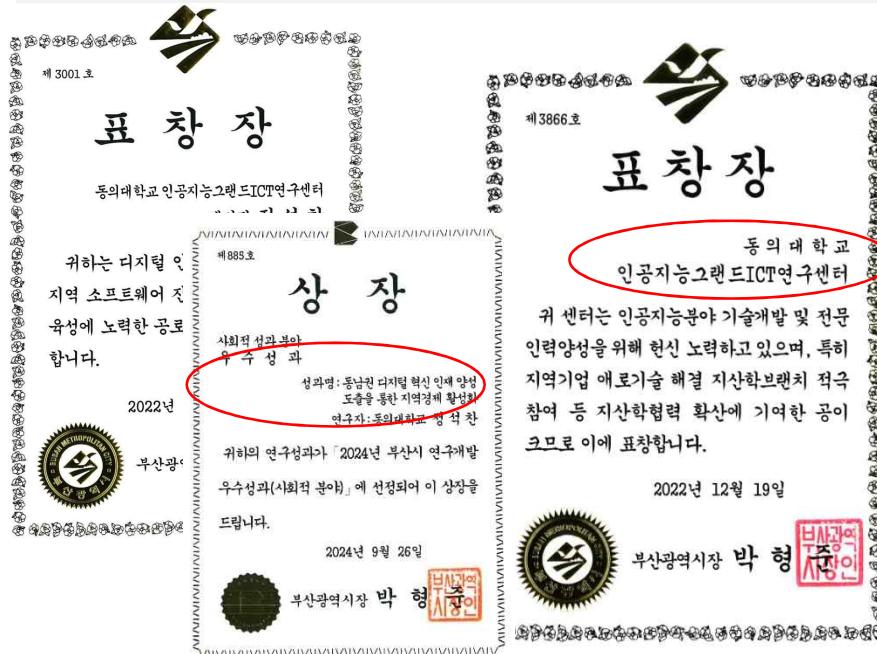
Chapter

Best Practice

7-1

Awards from the Mayor of Busan & Selection as Excellent (2023) and Popular (2024) Exhibition Center at the Human Resource Development Fair

Awarded by Busan Metropolitan city



- Digital Talent Development Category:**
Awarded by the Mayor of Busan – Director Seok Chan Jeong(2023)
- Social Contribution Category:**
Awarded by the Mayor of Busan – Director Seok Chan Jeong(2024)
- The best case of partnership in Busan(2022)**
(local government, AI industry & local school)

Selected as Excellent/Popular Exhibition Center at the Human Resource Development Fair

- Recognized as an Excellent Exhibition Center at the 2023 Human Resource Development Fair, hosted by ITRC
- Recognized as a Popular Exhibition Center at the 2024 Human Resource Development Fair, hosted by ITRC
- Master's and Ph.D. students actively engaged on-site, presenting and showcasing their research projects

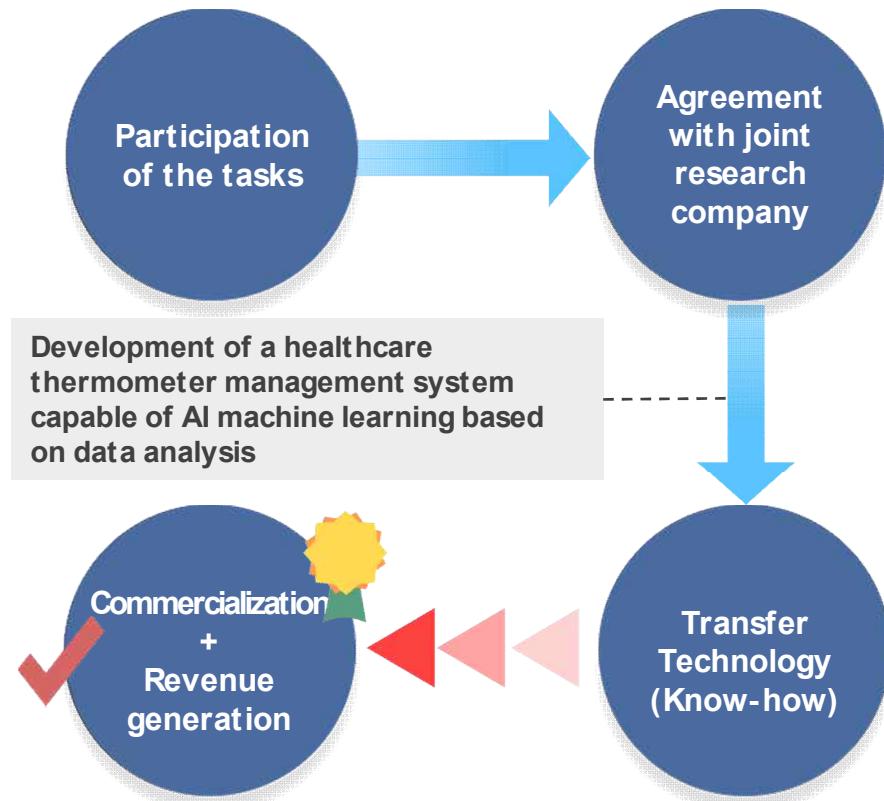




7-2

Driving revenue growth and fostering regional development through technology transfer and commercialization

- Technology transfer and commercialization through R&D of the 12 tasks



Achieved over \$75,000 in revenue through commercialization

A	B	C	D	E	F	G
1 Polychentex Inc.						
2 1 Main Street						
3 Townsville						
4 D419 OTB						
5 Phone: 4960123						
6 VAT No: GB9999999 73						
7 Org nr: 5561947986						
8 Bankgiro: 583-3543						
9 Plusnro: 8476277						
10						
11 BILLING ADDRESS	DELIVERY ADDRESS					
12 ACME Inc.	ACME Inc.					
13 44 Shore St	44 Shore St					
14 Macduff	Macduff					
15 AB41TX	AB41TX					
16						
17 OICR-nr: 102307792329						
18 SHIPPING METHOD	SHIPPING TERMS					
19 UPS	Free shipping.					
20						
21						
22 IES348	DESCRIPTION	QTY	UNIT	UNIT PRICE	REBATE	
23	Catalyst	To	Ea.	\$0.99	0.99	
24 M0061	Resin	To	Ea.	\$0.99	0.99	
25 M0062	Deionized water	5	Ea.	1.99		
26 M2001	Potassium Hydroxide	1	Ea.	17.99		
27 M2002	EDTA	To	Ea.	1.49		
28 M0060	Polymer	1	Ea.	29.99		
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44 Polychentex Inc.	Phone: 4960123					
45 1 Main Street	Fax: 4960124					
46 Townsville	nto@polychentex.com					
47 D419 OTB						



- Participating company NCOM Co., Ltd. achieved an average monthly revenue of \$160,000 in import/export customs-related business as of October 2023 through the developed technology
- Generated an average monthly revenue of approximately \$38,000 with the object detection-based kiosk system

7-3

Employment at Joint-Research Partner Companies and Development Fund Contributions from Employed-Student Graduate Program

AI Department Cohorts 1–5 (Total: \$38,000)



- Master's Student Council of the AI Department donated approx. \$7,700 each to the university's development fund to advance the AI Department and foster future talent.
- Contributions to the University Development Fund
 - SocialPost Co., Ltd.: \$7,700
 - Woori IT Co., Ltd.: \$15,400

- Full support for corporate scholarships(\$14,000)



- \$14,000 scholarships delivered to students in the department of AI who are conducting joint research with companies.
- After graduation, students are obtaining career positions leading R&D departments.

7-4

Paper published in 『IEEE TPAMI』 (the world's top academic journal in the field of artificial intelligence)

Joint research team affiliated with Dong-eui University's Artificial Intelligence Grand ICT Research Center

국제신문

동의대 인공지능그랜드ICT연구센터 소속 공동연구팀, 인공지능 분야 세계 최고 권위 국제학술지에 논문 게재

입력 2023.10.11. 오후 3:52 수정 2023.10.11. 오후 4:14

동의대학교(총장 한수환) 인공지능 그랜드 ICT연구센터(정석찬 센터장) 소속의 공동연구진인 심성현 교수(동의대학교 산업경영빅데이터공학과), 배혜림 교수(부산대학교 산업공학과), 김도희 박사과정 학생(부산대학교 산업공학과)이 공동 연구한 결과로 인공지능 분야의 상위 0.5% 안에 드는 최상위 학술지인 'IEEE Transactions on Pattern Analysis and Machine Intelligence'(IF=23.6)에 논문이 게재되었다.



표. 저자 사진

Acknowledgement of receipt We hereby acknowledge receipt of your request for grant. Submission number: 12728868 Application number: US202310815 File No. to be used for priority declarations: PCT/2023/0815 Date of receipt: 15 December 2023 Your reference: PCT/2023/0815 Applicant: Dong-eui University Corporation Faculty Country: KR Title: METHOD FOR PREDICTING INFANTS' PARENTS' LEARNING NEURAL NETWORK AND METHOD FOR RECOGNIZING INFANTS' VOICES Documents submitted: package-data.xls application-body.xls PCT/US2023/0815.pdf Status: Pending Method of submission: Online Date and time entry generated: 15 December 2023 Message: None		uspto UNITED STATES PATENT AND TRADEMARK OFFICE ELECTRONIC ACKNOWLEDGEMENT RECEIPT APPLICATION # 18644198 RECEIVED DATE / TIME 12/18/2023 07:21:37 PM Z ET ATTORNEY DOCKET # PUS230108 Title of Invention: METHOD FOR PROVIDING TIME SERIES PREDICTION DEEP LEARNING NEURAL NETWORK AND METHOD FOR RECOGNIZING INFANTS' VOICES BASED ON THIS Application Information APPLICATION TYPE: Utility - Nonprovisional Application under 35 USC 111(a) CONFIRMATION #: 7518 PATENT CENTER #: 03643880 CUSTOMER #: 134854 CORRESPONDENCE ADDRESS: Documents TOTAL DOCUMENTS: 1 DOCUMENT PAGES DESCRIPTION SIZE (KB) idb230108.pdf 4 Information Disclosure Statement (IDS) Form (560) Warning: This is not a USPTO supported iOS filer form. Data in the form cannot be automatically loaded to other USPTO systems. idb_14102011689.pdf 27 Foreign Reference 3803 KB idb_4_20160011111.pdf 46 Foreign Reference 6086 KB des_1430230108.pdf 2 Catch or Declaration filed 2470 KB pa0230108.pdf 2 Power of Attorney 4210 KB	
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- **Triad patent application based on a paper published in IEEE Transactions on Pattern Analysis and Machine Intelligence**
- **It appears that prediction performance has been improved by up to two times compared to existing technology.**



7-5

Received the Encouragement Award at the '2023 College Student Smart e-Mobility Contest'

- 2023 College Student Smart e-Mobility Contes



- Dong-eui University's self-made car club DECA



- Club DECA led by Professor Hyunsu Kim) is located in Yeonggwang-gun, Korea Society of Automotive Engineers, and won the Encouragement Award at the '2023 College Student Smart e-Mobility Contest' co-hosted by the Korea Automobile Research Institute

7-6

Grand Prize at the Busan–Ulsan–Gyeongnam (BUK) ICT Competition & President's Award at the ICT Challenge 2025

2025 Busan–Ulsan–Gyeongnam (BUK) ICT Idea Competition



ICT Challenge 2025



- Dong-eui University's Team BatchVis (Advisor: Prof. Sung-Hee Kim) received an award for presenting a technology titled “Personality- and Temperament-Based Virtual Patient Generation Tool for Clinical Training,” which utilizes the psychological personality model TCI (Temperament and Character Inventory) to combine patients' personality and temperament data and generate realistic virtual patients.



Chapter **8**

Global Networking



8-1

Hosted 9th International XR-Metaverse Conference in 2024

The 9th International XR-Metaverse Conference held and hosted in Busan



- Date: 2024.5.18 (Sat) ~ 5.22 (Wed)
- Venue: BEXCO Busan
- Organized by: IAITI
- Host: Dong-eui University Artificial Intelligence Grand ICT Research Center

Organizer and partner company



Exhibitors and Sponsors



- 226 people from 120 Universities and companies from about 22 countries participated
- A total of 9 MOUs signed in connection with international academic conferences



8-2

Global Works

16th branch of regional-industrial cooperation

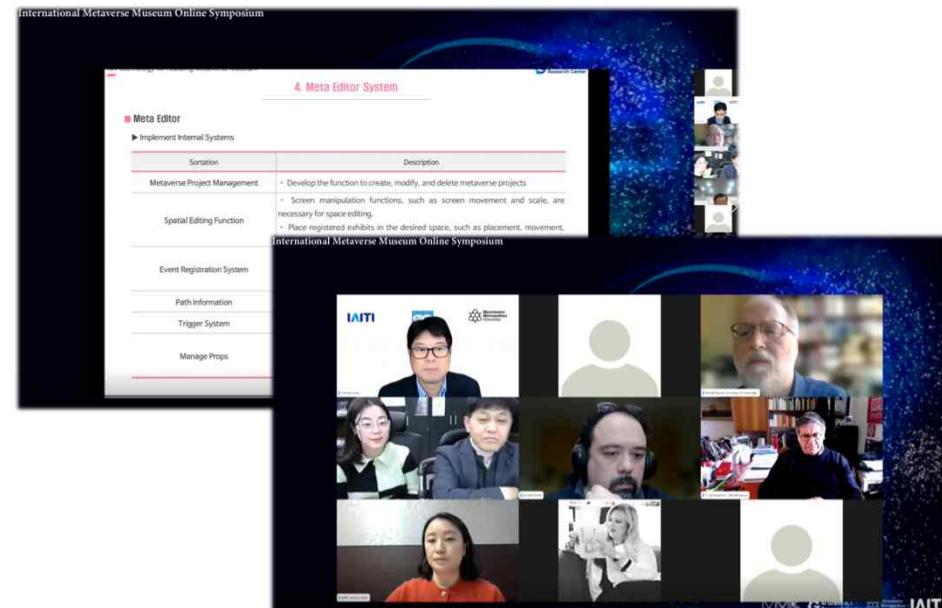
- Selected as the best center by Busan Technopark
- Indonesia's Ministry of Industry visits the center as an excellent case of cooperative organizations

Attended the Pan Yellow Sea Economic Exchange Conference in Korea, China, and Japan



- Announced plans to work together and participate in global competitiveness of AI Tech.

Hosted an International Metaverse Museum Online Symposium



- Theme: Metaverse and Museum – How we can build the Maritime Museum in the Metaverse
- Gave a Presentation on ICT Tech. And shared an idea for Metaverse Museum Case and Solutions, etc.

8-3

Participated in MWC 2025 Exhibition

The MWC 2025 exhibition was held in Barcelona, Spain



- Date: 2025.3.03 (MON) ~ 3.06 (THU)
- Venue: Fira Gran Via, Barcelona Spain
- Organized by: GSM Association
- Participant: Director Seok Chan Jeong, Professors Seung Ho Ok, Hyun Soo Kim, Chan Young Kwon and Research Professors Young Jin Kang, ki Hwan Kim



No.	Exhibition Content
1	AI-Based Musculoskeletal Work Analysis for Industrial Injury Prevention and Smart Aquaculture Monitoring for Fish Growth Automation
2	Intelligent Mobile Robots and Predictive Maintenance
3	Development of AI-Based Noise Reduction and Generation Technology
4	Smart Mental Health & Healthcare System for High-Stress Professionals (e.g. Medical Workers)

- The AI Grand ICT Research Center showcased its AI technologies at MWC 2025 and explored opportunities for global collaboration.

8-4

Joint Research and Expansion of Global Networks

Tripartite Agreement Signed between IVADO (Canada), Busan Metropolitan City, and AI Grand ICT Research Center



- Date: 2025.7.29(THU)
- Venue: IVADO Headquarters in Montreal, Canada
- Organized by: AI Grand ICT Research Center
- Participant: Director Na-Young Jung, Busan Metropolitan City / Director Seok Chan Jeong, AI Grand ICT Research Center / Dr. Luc Vinet, President of IVADO and others

- A world-class AI research hub located in Montreal, Canada (with an annual research budget of approximately USD 100 million)
- An AI-specialized research network involving Université de Montréal, HEC Montréal, Polytechnique Montréal, McGill University, and Université Laval
- Collaborating with over 150 research institutes and companies, including Mila (Quebec AI Institute) and Air Canada



Chapter 9

Partners



9-1

Global Partners

Asia



MONGOLIA
INTERNATIONAL
UNIVERSITY
MIU 2002

 Education
FPT UNIVERSITY



DUY TAN UNIVERSITY
Hospitality & Tourism
Institute



ນະຄາວີທະຍາໄລແຫ່ງຊາດ
National University of Laos

Europe



Manchester
Metropolitan
University



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II

North America



Asian Affairs Center
University of Missouri

 **BINANCE**
— ACADEMY



IVADO



UNIVERSITY OF
CALGARY



UNIVERSITY OF
GEORGIA



9-2

Partners in S. Korea

Organizations



Innovate Together, AI Forward!



University

연세대학교 원주연세의료원

빅데이터플랫폼 사업단

YONSEI UNIVERSITY



부산 대학교 동남권Grand ICT 연구센터



동의대학교 ICT공과대학



SW융합교육원

동의과학대학교
DONG-EUI INSTITUTE OF TECHNOLOGY

동의대학교 인공지능로봇연구소

경남대학교 산학협력단
Industry Academic Cooperation Foundation, Kyungnam University

Organizations



Company



CLOUD COMPUTING EXPERT



로이랩스 주식회사



Leading company in IT convergence



Academic Society





Thank You!

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