



ESK
Ergonomics Society of Korea



BETTER LIFE ERGONOMICS
FOR FUTURE HUMANS

(Progress Report #4)

22nd Congress of International Ergonomics Association

25–29th August 2024 | ICC, JEJU, KOREA

October 29, 2022
Myung Hwan Yun
Chair, Organizing Committee



22nd CONGRESS OF INTERNATIONAL ERGONOMICS ASSOCIATION

- Period: 2024.08.25 (Sun.) – 08.29 (Thur.)
- Location : ICC, JEJU
- Host organization : IEA, ESK & KOSHA
- <Better Life Ergonomics for Future Humans> → Complete
- Main Content : Opening Ceremony, Parallel sessions, Symposia sessions, Special sessions, Exhibition, [Ergonomic Design Award](#)
- 1,500 attendees (1,000 foreigners) – Conservative Forecast

Organizing Committee (as of Sep. 23rd, 2022)

	Name	Affiliation	Major roles
Honorary Chair	TBD		(to be determined,
General Chair	Sung Han, Yuchan g Kim		Former ESK Presidents ***
ESK (Ergonomics Society of Korea) Chair	Jaehee Park	Hankyong National Univ.	
Organizing Chair	Myung Hwan Yun	Seoul National Univ.	Organizes and manages the committees
Program Committee Chairs	Woojin Park	Seoul National Univ.	Organize conference scientific programs
	Taezoon Park	Soongsil Univ.	
Special Program Committee Chair	Yong Gu Ji	Yonsei Univ.	Organize workshops and special sessions
Secretary General	Gwanseob Shin	UNIST	Assists the Organizing Chair
Public Relations Committee Chair	Hong-In Cheng	Kyungsung Univ.	Promotes the conference and manage SNS
Design Competition Committee Chair	Yong-ku Kong	Sungkyunkwan Univ.	Organize design competition
Publication Committee Chair	TBD		Coordinates content production
Finance Committee Chair	TBD		Plans budgets and seeks sponsors
Exhibition Committee Chair	TBD		Organizes industrial forums and exhibition
Chair of IAB (International Advisory Board)	Sungho Han	POSTECH	
IEA Council Members	Inseok Lee	Hankyong National Univ.	
	Taezoon Park		

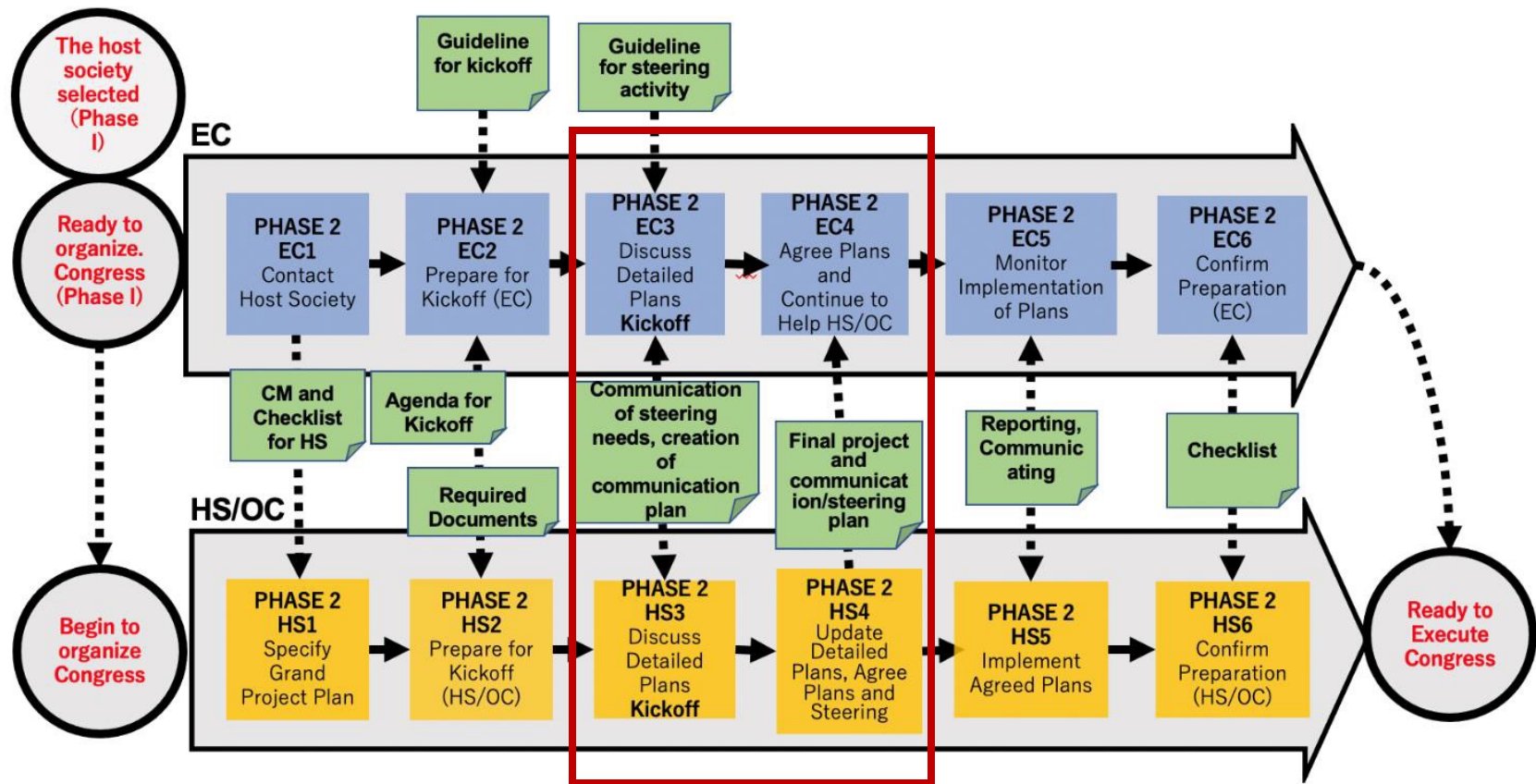
- Official Kick-off, Jan, 2019
- Planning the Official Kick Off Off Line in 2023

Milestone Update

- 2018. 08. 24. IEA 2024 Jeju selected
- 2019. 01 : IEA 2024 Organizing Committee Kickoff
- 2019. 06.10: Meeting with Elina Parviainen about IEA conference model
- 2019.10.22: Meeting with Elina Parviainen about IEA conference model for updates
- 2020.07.24 : Final updates on ESK activities (COVID-19)
- 2021. 06.03 : MOU with Jeju Convention (eventually PCO contract, expected June 2022)
- 2021. 06.13 : Promotion at IEA 2021 (Presentation and Video)
- 2022. 01. 01 : Organizing Committee Restructuring (on-going)
- 2022. 01. 01 : MOU with KOSHA re-initiated. in progress. Proposal Submitted (Feb. 2022)
- 2022. 4.6 : Progress Report #3 (IEA EC Meeting, On-line)
- 2022. 04. 28 ESK Domestic Conference (LG R&D Center)
- 2022. 10.6. ESK Domestic Conference (40th anniversary, 23rd JES-ESK Symposium)
- 2023. 8. (Contract w PCO)



IEA Conference Model 1.1



Developing Detailed Plans

- Current activity on Organizing Committee
 - Developing detailed plan and deliverables
 - Refining organizing committee structure and positions
 - Drafting conference components – parallel sessions, invited sessions, tutorials, awards, etc.
 - Working w Steering Committee

PHASE2 EC2 >>		PHASE2 EC3 Discuss Detailed Plan (EC)	>> PHASE 2 EC4
PHASE2 HS2 >>		PHASE2 HS3 Discuss Detailed Plan (HS/OC)	>> PHASE2 HS4
Responsible Person:			
Inputs	Activity	Output	
Due:		Due:	
From:		To:	
<ul style="list-style-type: none"> • Detailed project plans • Guideline for steering 	<ul style="list-style-type: none"> • HS/OC and EC discuss the detailed project plan and develop common understanding on details. • Discuss how to steer. 	<ul style="list-style-type: none"> • Common understandings on details and steering • Feedback from EC to HS about possible supplemental needs in the plans 	

Major Milestones (as of Sep. 2022)

- Promotion at HEPS 2022
- Promotion at HFES 2022
- 2022. 12 : 1st Call for Papers
- 2023. 05 : Distribution of Brochures
- 2023. 05 : 2nd Call for Papers
- 2023. 08 : Abstract Due
- 2023. 10 : Distribute Authors Instructions
- 2023. 01 : Open Registration
- 2023. 01 : Distribute Provisional Program
- 2023. 02 : Paper Due
- 2023. 05 : Early Registration Due

Conference Program and Contents

- For future planning of the 2024 congress program and contents, the programs of the previous IEA congresses and the ESK conferences are being examined.

Grouping of Contents (IEA2021 Proceedings)

1. SYSTEMS AND MACROERGONOMICS

- Activity Theories for Work Analysis and Design (ATWAD)
- Systems HF/E
- Ergonomic Work Analysis and Training (EWAT)
- HF/E Education and Professional Certification Development
- Organization Design and Management (ODAM)

2. INCLUSIVE AND SUSTAINABLE DESIGN

- Ageing and Work
- Ergonomics for children and Educational Environments
- Ergonomics in Design for All
- Gender and Work
- Human Factors and Sustainable Development
- Slips Trips and Falls
- Visual Ergonomics

3. SECTOR BASED ERGONOMICS

- Practitioner Case Studies
- Aerospace Ergonomics
- Agricultural Ergonomics
- Building and Construction Ergonomics
- Ergonomics in Manufacturing
- HF/E in Supply Chain Design and Management
- Transport Ergonomics and Human Factors

4. HEALTHCARE AND HEALTHY WORK

- Health and Safety
- Healthcare Ergonomics
- HF/E Contribution to Cope with Covid-19
- Musculoskeletal Disorders

5. METHODS & APPROACHES

- Affective Design
- Anthropometry
- Biomechanics
- Ergonomics in Advanced Imaging
- Human Factors in Robotics
- Human Modelling and Simulation
- Neuroergonomics
- Working with Computer Systems

Conference Program and Contents

- Common themes will be identified. Also, idea generation will be performed to identify possible special topics for the 2024 congress.

Grouping of Contents (IEA2018 Proceedings)

1. Healthcare Ergonomics
2. Safety and Health and Slips, Trips and Falls
3. Musculoskeletal Disorders
4. Organizational Design and Management (ODAM), Professional Affairs, Forensic
5. Human Simulation and Virtual Environments, Work with Computing Systems (WWCS), Process control
6. Transport Ergonomics and Human Factors (TEHF), Aerospace Human Factors and Ergonomics
7. Ergonomics in Design, Design for All, Activity Theories for Work Analysis and Design, Affective Design
8. Ergonomics and Human Factors in Manufacturing, Agriculture, Building and Construction, Sustainable Development and Mining
9. Aging, Gender and Work, Anthropometry, Ergonomics for Children and Educational Environments
10. Auditory and Vocal Ergonomics, Visual Ergonomics, Psychophysiology in Ergonomics, Ergonomics in Advanced Imaging

Grouping of Contents (ESK2022 Spring Conference)

1. Metaverse
2. Human Factors Intelligence
3. UI/UX/Usability
4. Affective Design
5. Occupational Biomechanics
6. Occupational Safety and Health
7. Human Centered Design
8. Serious Accidents Punishment Act
9. AR/VR
10. AI Human Factors
11. Vehicle Ergonomics
12. Physical User Interface

MetaVerse Conference

2022 ANNUAL SPRING CONFERENCE

Ergonomics Society of Korea
Korean Society for Emotion & Sensibility

메타버스와 고객경험 혁신

일사: 2022. 4. 27(수) ~ 30(토)
장소: 서울 LG 사이언스파크 ISC통합지원센터 일원
개최방식: 메타버스 플랫폼을 활용하여 온오프라인 동시 진행

대한인간공학회
한국감성과학회
주최 (사)대한인간공학회 / (사)한국감성과학회 | 주관 (사)대한인간공학회 / LG사이언스파크

- 1st Try for MetaVerse Platform
- Available both On-line and Off Line
- Probably be perfectly executable in 2024.
- Used GatherTown Platform
- Partially successful
- At IEA 2024, some part of the conference can be Metaverse.?

Financial Support Schedule

- Expecting about 1500 registration (Break Even, 1000 paid registration)
- 100% hybrid Conference, On-Line and Off-Line, Ergonomic Design Award

┃ supports from governmental organizations

Bidding Stage ▶ Promotional Stage ▶ Hosting Stage

109,000 USD (completed)

by Korea Tourism Organization and Jeju Convention & Visitors Bureau

┃ Expected from private/public sectors

About 150,000 USD (w KOSHA MOU, August 2022)

by Industrial partners and KOSHA (Korea Occupational Safety and Health Agency)

┃ Extra supports for ESK

10,000 USD (every year until 2024, expense based)

by Jeju Convention & Visitors Bureau

┃ Benefits for congress participants

Jeju Tour Information Desk & M.I.C.E Card, 20 USD for every registration)

by Jeju Convention & Visitors Bureau

Conference Center

Convenience - ICC JEJU

- World-class convention venue, ICC JEJU
- Relaxing atmosphere in harmony with nature
- Efficient layout and Conveniently located near from accommodations and tourist resources

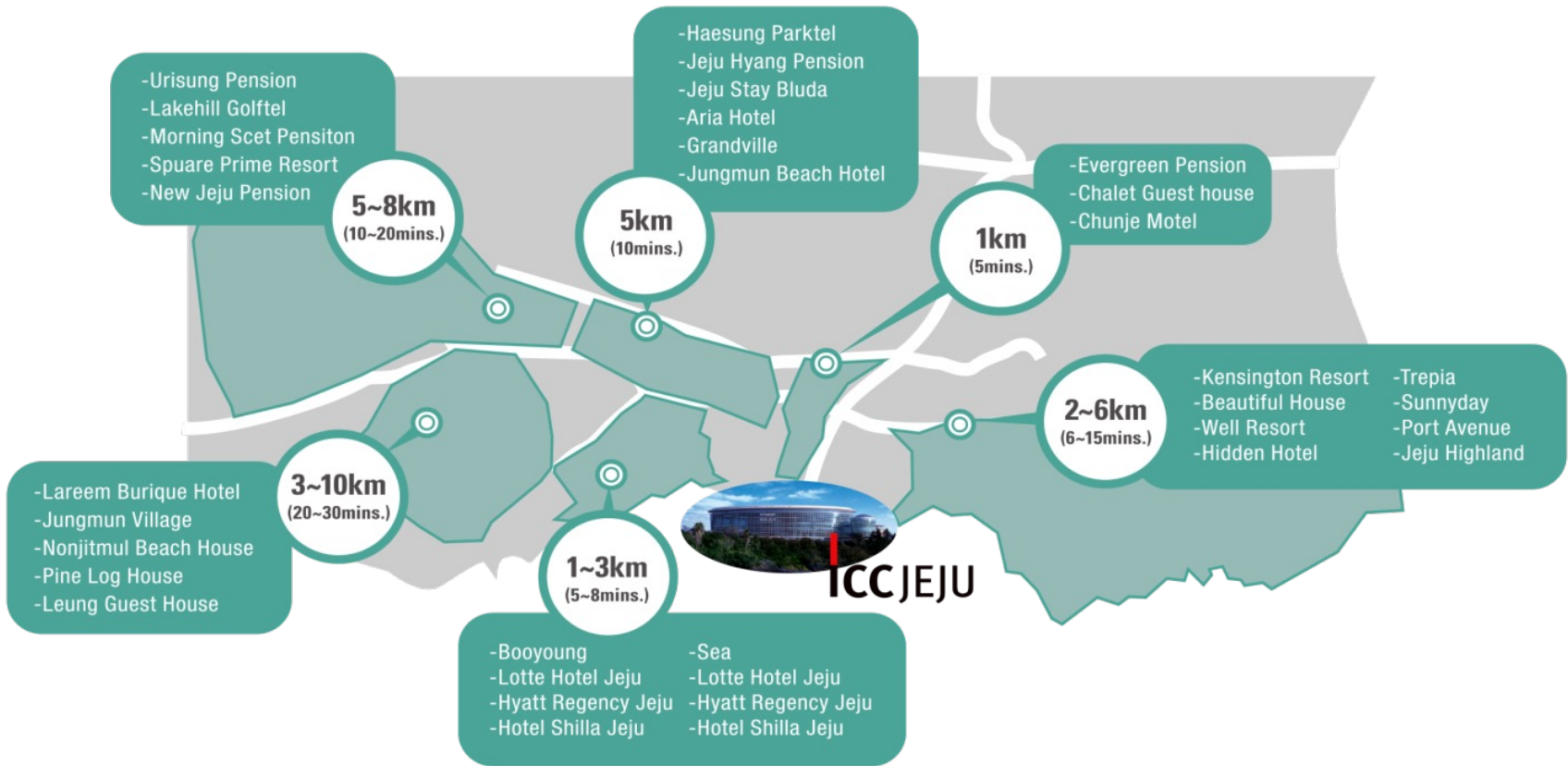


Accommodations

- Wide range of options (5-star hotels, budget accommodations, traditional hotels)



2,274 hotel rooms within (10min. By car) from ICC JEJU (estimated)



- Access (from Jeju, From Seoul, From other Asian Hub)
- Self-serviced Accommodation (Air B&B, Local Housing etc...)