

2024 6th KPC Sports Science International Seminar



제6회 KPC 장애인 스포츠과학 국제세미나

**| 주제. 미래를 위한 발판:
패럴림픽 성과와 과학적 진보의 융합**

Building a Foundation for the Future: The Fusion of Paralympic Achievement and Scientific Progress

**| 일시. 2024. 12. 4. (수)
13:00 ~ 18:00**

| 장소. 대한장애인체육회 이천선수촌 대강당

**| 문의. 대한장애인체육회 훈련지원부
(031-526-9465)**

| Seminar schedule

Opening Ceremony 개회식

13:00~13:40
Main moderator

- Opening Address
- Congratulatory Address 1~3
- Commemorative picture

Jung Jin-owan
(President of Korea Paralympic Committee)

Part 1. Development of Paralympic sports in Oceania 제1부. 오세아니아 패럴림픽 스포츠 발전

13:40~15:10
Jin Joo-yeon
(University of Seoul)

- The challenges of Para Sport identification and development within the Pacific Region (25')
- Included Through Paralympics Sport (25')
- From the Pacific to Paris: Sports science's impact on the journey of Para athletes (25')
- Q & A (10')
- Break Time (10')

President, Paul Bird
(Oceania Paralympic Committee)

CEO, Robyn Smith
(Sport Inclusion Australia)

Professor, Clare Minahan
(Griffith University)

Part 2. Research and development of sports science for improving the performance of Paralympic athletes

제2부. 패럴림픽 선수 경기력 향상을 위한 스포츠과학 연구 및 개발

15:10~16:35
Park Song-young
(University of Nebraska)

- How Scientific research makes a real impact in Para sport (25')
- A Proposal for the Application of Human Factor Extraction and Analysis Methods in XR Sports Games to Para Sports (25')
- Innovative AI-Enhanced Hard and Soft Robotics (Shape Memory Alloys, SMA) for Strengthening, Performance, and Cardiopulmonary Endurance in Elite Paralympic Athletes (25')
- Q & A (10')

Professor, Vicky Goose-Tolfrey
(Loughborough University)

Professor, Kim Jong-bae
(Yonsei University)

Professor, Yoo Seung-hyun
(Yonsei University)

Part 3. Discussing the contributions of sports science to the 2024 Paris Paralympics

제3부. 2024 파리패럴림픽 스포츠과학지원 성과 공유

16:35~18:00
Main moderator

- Sports Science Strategies for Sustainable Growth of the Korean Paralympic Movement (25')
- Sport science support for performance enhancement of Korean national para-shooting team (25')
- Supporting Paralympic Athlete Game Footage and Strategy Analysis: Focused on Boccia (25')
- Closing Ceremony (10')

Dr. Chae Kyu-yeon
(Korea Paralympic committee)

Dr. Kim Young-sook
(Korea Institute of Sports Science)

Professor, Hong Seong-bong
(Songwon University)