

# 2019 KSSB International Conference

## *The Future of The Sports Biomechanics*

**6 December (Friday):** Daeduk Hall, Jeongsimhwa International Cultural Center, Chungnam National University.

(충남대학교 정심화국제문화회관 대덕홀)

**7 December (Saturday):** 1330 Seminar Hall, College of Natural Science Building No. 1, Chungnam National University.

(충남대학교 자연과학대학 1호관 3층 1330 세미나실)

Day	Time	Contents	Speaker	Title	Chair	
<b>6 December (Friday)</b>	13:00~13:50	<b>Executive Board Meeting</b>				
	13:50~14:00	<b>Opening Ceremony</b>				
	14:00~14:50	<b>Keynote lecture</b>	Prof. Jisun Ryu (Korea National Sports University)	<i>Fatigue and Biomechanical Factors</i>	Prof. Young-Jin Moon <i>Chungnam University</i>	
	14:50~15:40		Prof. Sungchan Hong (University of Tsukuba)	<i>Aerodynamics to enhance the performance in sports</i>	Prof. Yang-Sun Park <i>Korean National University of Transportation</i>	
	15:40~16:10	<b>Coffee Break</b>				
	16:10~16:40	<b>Keynote lecture</b>	Prof. Young-Tae Lim (Konkuk University)	<i>Research Ethics</i>	Prof. Jaebum Park <i>Seoul National University</i>	
	16:40~17:30	<b>Poster Presentation</b>	Nam-Yeon Kim ( <i>Chungnam National University</i> ) Narankhuu Ganbold ( <i>Chungnam National University</i> ) Tea-Geun Park ( <i>Chungnam National University</i> ) Young-Kwan Kim ( <i>Chonnam National University</i> ) Jiseop Lee ( <i>Seoul National University</i> ) Kitae Kim ( <i>Seoul National University</i> ) Hyo Keun Lee ( <i>Vector Biomechanics Inc.</i> ) Dayuan Xu ( <i>Seoul National University</i> ) Seong-Hun Kim ( <i>Chung-Ang University</i> ) Hye-Kyo Lee ( <i>Chonnam National University</i> )			
	17:30~18:30	<b>General Meeting</b>				
	18:30~	<b>Welcome Reception</b>				

<b>7 December (Saturday)</b>	<b>09:00~09:30</b>	<b>Editorial Board meeting</b>			
	<b>09:30~10:20</b>	<b>Keynote lecture</b>	Prof. Giuk Lee (Chung-Ang University)	<i>Lightweight and Comfortable Wearable Robots for Assistance and Rehabilitation</i>	Prof. Jooun Ahn <i>Seoul National University</i>
	<b>10:20~10:30</b>	<b>Coffee Break</b>			
	<b>10:30~10:45</b>	<b>Oral Presentation</b>	<b>Hwa-Young Park</b> <i>Dong-A University</i>	Impacts of the turning direction on the disease dominant side during 360° and 540° turning with maximum speed in Parkinson's disease with freezing of gait	Prof. Nyeonju Kang <i>Incheon University</i>  Prof. Changhong Youm <i>Dong-A University</i>
	<b>10:45~11:00</b>		<b>Myeoung-Gon Lee</b> <i>Dong-A University</i>	Gait Ability at Various Walking Speeds on Parkinson's Disease Patients	
	<b>11:00~11:15</b>		<b>Yungon Lee</b> <i>Yeungnam University</i>	Analysis of gait variability on rhythmic sensory cues in stroke patients	
	<b>11:15~11:30</b>		<b>Rye Kyeong Kim</b> <i>Incheon National University</i>	Meta-Analytic Approaches to Quantifying Interlimb Coordination Function in Patients with Stroke	
	<b>11:30~11:45</b>		<b>Yun Jae Sung</b> <i>Chungnam National University</i>	Application and Effectiveness of the Two-Handed Exercise ducock Program for Successful Aging: bilateral exercise	
	<b>11:45~12:00</b>		<b>JaeWoo Lee</b> <i>KonKuk University</i>	Comparison of Postural Sway Between Elite and Novice Golfers During a Putting Motion	
	<b>12:00~12:15</b>		<b>Chi-sun Choi</b> <i>Korea Military Academy</i>	Effect of Pelvic Tilt on Recoil Force Decrease in Pistol Shooting Standing Position	
	<b>12:15~12:30</b>		<b>Coffee Break</b>		
	<b>12:30~12:45</b>	<b>Oral Presentation</b>	<b>Young-Woon Jung</b> <i>Chonnam National University</i>	Relationship of Obtained Shooting Scores and Kinematics of Barrel in Air-pistol Shooting	Prof. Sae-Yong Lee <i>Yonsei University</i>  Prof. Chi-Sun Choi <i>Korea Military Academy</i>
	<b>12:45~13:00</b>		<b>Won-Jun Cho</b> <i>Chungnam National University</i>	Body mapping on Muscle activity when lifting repeated loading	
	<b>13:00~13:15</b>		<b>Sung Jun Lee</b> <i>Seoul National University</i>	Effect of feedback modalities on interpersonal synergies and performances during multi-finger force & torque production tasks	
	<b>13:15~13:30</b>		<b>Hyun Joon Kim</b> <i>Incheon National University</i>	Transient Bilateral Movement Effects on Paretic Arm Motor Functions: Submaximal and Maximal Isometric Force Control Tasks	
	<b>13:30~13:45</b>		<b>Junkyung Song</b> <i>Seoul National University</i>	Do the tangential finger forces utilize mechanical advantage for torque production?	
	<b>13:45~14:00</b>		<b>Young-Jin Moon</b> <i>Chungnam National University</i>	Effectiveness verification through comparative analysis on muscle activity and characteristics of Whole body vibration and Gait	
	<b>14:00~14:15</b>		<b>Hyo-Eun Park</b> <i>Konkuk University</i>	Comparison of muscle activity according to the location of sEMG electrodes in different fascicle arrangement when walking up stairs	
	<b>14:15~14:30</b>		<b>Closing Ceremony</b>		