

**2019 Taiwan International Conference on Physical Activity and Exercise Science  
Program**

<b>2019.5.4(Sat)</b>			
<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
8:30-9:00	Registration		
9:00-9:10	Opening ceremony	Prof. Fuh-Sheng Shieu President of NCHU Prof. Yung-Kuan Chan Dean of College of Management Professor Ching-Lin Wu Chair of TSPAES	Prof. Ching-Lin Wu
9:15-10:15	Keynote Speech I An Integrated Approach to 24-Hour Movement Behaviors for Population Health	Dr. Eun-Young Lee Queen's University, Canada	Prof. Cheng-Kang Chang
10:15-10:30	Coffee Break		
10:30-11:20	Special Forum on Kids and Youth Physical Activity in Asia Region I: Current Situation and Future	Prof. Tzai-Li Li (Taiwan) Dr. Yu-Jui Li (Taiwan) Prof. Cheng-Kang Chang (Taiwan) Dr. Yang Liu (China)	Prof. Stephen Wong
11:20-12:20	Special Forum on Kids and Youth Physical Activity in Asia Region II: Policy, Strategy and Future Development	Dr. Eun-Young Lee (South Korea) Prof. Stephen Wong (Hong Kong) Prof. Pairoj Saonuan (Thailand) Dr. Asad Khan (Bangladesh)	
12:20-13:00	Taiwan Society of Physical Activity and Exercise Science Members' Assembly		Prof. Ching-Lin Wu
12:20-13:20	Lunch and Exhibition		

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Time	Theme	Speaker	Chair
13:20-14:20	<b>Poster Presentation I</b>		Prof. Tai-Yen Hsu
	PI-1 Ball hitting point measuring device design	Wu-Wen Hsiang, Jhih-Jyun Ma, Chin-Hua Chiu	
	PI-2 Analysis of Failed Motion in Clean and Jerk for Male Weightlifter	Bo-Sheng Jiang, Li-Chun Chang	
	PI-3 IMU-Based Classification of the Functional Movement Screen Inline Lunge	Meng-Hua Lee, Jing-Ming Liang, Chu-Yin Chen, Hsiu-Tao Hsu, Wen-Lan Wu	
	PI-4 Analysis of failed motion in snatch for male weightlifter	Yi-Jhan Hwang, Li-Chun Chang	
	<b>Poster Presentation II</b>		Dr. Li-Chun Chang
	PII-1 Comparative Analysis of the Top Four Defensive Technical Performances of HBL Men's Basketball League in the 107th Academic Year	Liao Cheng Cheng, Lai-Chang-Kuo, Chen Tsai Hsuan	
	PII-2 Comparative Analysis of the Technical Performance of the Top Four Scores in the HBL Men's Basketball League in the 107th Academic Year	Liao Cheng Cheng, Lai Chang-Kuo, Pan Ping-Jou	
	PII-3 Analysis on the Scoring Technique of Men's Wrestling Freestyle 97kg Competition in the 2017 National Games	Chen-Wei Hong, Zhao-Rong Rui	
	PII-4 The Influence of Each Football Skills for the Champion and the Runner Up- Taking 2016-17 UEFA Champion League (Champion Real Madrid and Runner Up Juventus) As an Example	Ju-Chun Chien , Hsuan Lin , Chien-Wei Liang	
	PII-5 Differences of Handball Game Statistics between the Winning and Losing Teams in Men at the 2018 Asian Games	Hsiang-Han Huang, Li-Chun Chang	
	<b>Poster Presentation III</b>		Dr. Chih-Hui Chiu
	PIII-1 The Effect of Resveratrol Supplementation on Exercise- Induced Fatigue in Adult Male	Wei-Che Hsia , Wei-Ting Chen , Hui-Yun Ho	

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13:20-14:20	PIII-2 Effects of Curcumin Supplementation on Skeletal Muscle Glycogen Resynthesis in Young Adults	Tse-Hsin Tu, Chia-Pao Liao, Hui-Yun Ho	Prof. Ming-Hua Hsu
	PIII-3 Acute Effect of Supplementation of Branched-Chain Amino Acids and Citrulline on the Performance in Resistance Training	Ting-Chieh Chan, Cheng-Kang Chang	
	PIII-4 The Study of D-Ribose Supplement Formulation for Exhaustive Performance and Anti-Fatigue Effect in Mice	Lin,Zong-Yan, Wu,Min-Huan	
	PIII-5 Evaluation of Excited State Energy from Oxygen on Blood Gas Concentration during Post-Wingate-Anaerobic-Exercise Recovery	Chen-I Lin, Yung-Chun Lin, Chun-En Wang, Ching-Lin Wu	
	PIII-6 Resveratrol as Ergogenic Aids of Antioxidant and Anti- Inflammatory in Young Athletes	Yi-Ching Lu, Chia Pao Liao, Wei-Ting Chen	
	<b>Poster Presentation IV</b>		
	PIV-1 Elite Baseball Player's Dynamic Visual Attention	Ee-Won Liew, Ching-Hsiu Chiang, WYing Chen, Sheng K Wu	
	PIV-2 Exploring the Relationship between Motor Skill Competence and Obesity in School-Age Children: A Systematic Review	Sz-Yan Wu, Jody L Jensen	
	PIV-3 Research on Undergraduate Students Health and Lifestyle Literacy and Health-Promoting Lifestyle Affected by Different Background Variables	Chieh-Lun Hsieh, Yu-Chieh Lin, Yung-Hsiang Hu, Po-Wei Tsai	
	PIV-4 An Analysis of the Relationship between Confucian Wulun Concepts and Coach Leadership Behavior--A Case Study of Junior Group B Badminton Players	I-Chen Huang, Ya-Yu Chang	
PIV-5 Visual Perception Rehabilitation for Children with Developmental Disorders	Wei-Ting Zeng, Shao-Tung Liu1, Wen-Lan Wu		
14:20-15:20	Keynote Speech II Exercise and Cognitive Function in Children and Elderly	Prof. Yu-Kai Chang Taiwan Normal University, Taiwan	Prof. Chia-Liang Tsai

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<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
14:20-15:20	Keynote Speech III Nutritional Supplement in Practice: Now and Future	Prof. May-Chih Hsu Kaohsiung Medical University, Taiwan	Prof. E-Shiung Cheng
15:20-15:30	Coffee Break		
15:30-17:00	<p><b>Oral Presentation I (in English)</b></p> <p>OI-1 Analyzing the Match-Fixing Phenomenon within A Professional Sport System in the “Chinese Community”: A Case Study of Taiwan</p> <p>OI-2 Theme Catagorization and Indicator Establishment for The Study of Doping of Sociology of Sport</p> <p>OI-3 The Analysis for the Sporting Legacy: The Case of 2014 Glasgow Commonwealth Games</p> <p>OI-4 The Relationship between Athletic Star Power and Product Consumption</p> <p>OI-5 SBL Strategic Decision Making System</p> <p><b>Oral Presentation II</b></p> <p>OII-1 The Effect of Concurrent Cognitive Processing on Upper-Extremity Performance in Patients with Mild Stroke – A Pilot Study</p> <p>OII-2 The Effects of Regular Exercise on Visuospatial memory in the Adults with Familial Alzheimer's disease: A Behavioral and Event-Related Potentials Study</p> <p>OII-3 Differences of Error Monitoring in Athletes With Different Levels of Cooperation: From Behavioral and Cognitive Electrophysiological Perspectives</p> <p>OII-4 The Effect of Multimodal Training on Neural Adaptability during Working Memory Processes</p> <p>OII-5 The Effect of Different Walking Regimes on Blood Glucose Control in Type 2 Diabetics</p>	<p>Ping-Chao Lee, Chih-Yuan Lin</p> <p>Pei-Chi Chen, Yi-Hsiang Liao</p> <p>Jui-Sung Huang, Ren-Shiang Jiang</p> <p>Ai-Ruei Tsai, Ssu-Yu Yeh</p> <p>Ai-Ruei Tsai, Chih-Cheng Lin</p> <p>Min Lin &amp; Chun-Hao Wang</p> <p>Kai-Yu Ku, Chia-Liang Tsai</p> <p>Ruo-Wei Lin, Chia-Liang Tsai</p> <p>Guo, G.W., Yang, C.T., Liang, W.K., Wang, C.H.</p> <p>TSAO, Te Hung, HSU, Chin Hsing</p>	<p>Prof. Chien-Yu Lin</p> <p>Dr. Yao-Chuen Li</p>

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<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
15:30-17:00	<b>Oral Presentation III</b> OIII-1 The Difference of Ankle Dorsiflexion Range of Motion Measurement on Ankle Stiffness during Single Leg Drop Landing OIII-2 The Study of How Mandala Art Creation Effects Emotion Management of Competitive Athletes OIII-3 Artificial Intelligence of Things (AIoT) in Sports Science and Medicine OIII-4 Referendum on changing Chinese Taipei to Taiwan for 2020 Tokyo Olympic Games: A Strategic Relations Theory Perspective (in English) OIII-5 An Analysis for the Development of Football in the United Kingdom: A case study of England and Scotland (in English) OIII-6 Research on the Determinants of Behavior Intention toward Wearable Sport Devices: Integrating the Theory of Planned Behavior and Diffusion of Innovation (in English)	Soon-Yee Wong, Chi-Huang Huang  Tzu Yu, Huang, Bao-Lien Hung  Sinjam Jiang, William Cheng Chung Chu, Chihhsiong Shih, Wen-Yi Chou, Lung-Ping Chen, Zhi-Jun Liu, Min-Huan Wu, Chuan-Yi Tang, Chang CK  Hung-Ju Chiu, Ping-Chao Lee  I-Te Yang, Ren-Shiang Jiang  Chu-Han Lin, Yu-Huan Shen, Chih-Cheng Lin, Chia Fan	Prof. Tzai-Li Li
18:00-20:00	Welcome Dinner		

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<b>2019.5.5 (Sun)</b>			
<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
8:30-9:00	Registration		
9:00-10:00	Keynote Speech IV Respiratory Muscle Training for Health and Exercise Performance	Dr. Lee Romer Brunel University, UK	Prof. Sheng-Kwan Wu
10:00-11:00	Keynote Speech V Football Science: from Laboratory to the Pitch	Dr. Andrew Foskett Massey University, New Zealand	Prof. Ching-Lin Wu
11:00-11:20	Coffee Break		
11:20-12:20	Keynote Speech VI Olympic Games Legacy in Elite Sport: From the 2008 Beijing Summer Olympics to the 2022 Beijing Winter Olympic Games	Dr Xiao-Qian Hu Chin-Hwa University, China	Prof. Ping-Chao Lee
12:20-13:10	Lunch and Exhibition		
13:10-14:10	<b>Poster Presentation V</b> PV-1 Effects of Laser Acupuncture on Muscle Soreness after Eccentric Exercise PV-2 The Effect of Theraband Training on Posture Correction among Adult with Scoliosis PV-3 The Relationship between Walking Speed and Bone Density in Middle Aged and Older Women PV-4 Comparison of Cardiorespiratory Fitness Between Elite and Amateur Table Tennis Players Using the Graded Table Tennis Specific Aerobic Test PV-5 Effect of Kinesiotaping on Dynamic Balance and Functional Movement in Patients with Patellofemoral Pain Syndrome	Chun-Pei Lin, Wen-Dien Chang, Jih-Huah Wu Shi-Yng Tan, Li-Tzu Chen, Ka-Ho Tsui, Yi-Jie Shi, Yen-Chun Lin, Chun-Han Huang Ya-Wei Lai, Jui-Chen Wang, Jui-Wen Yu, Hsuen-Ying Peng Hsuan-Chu Chao, Pei-Fan Wang, Ching-Hsiu Chiang, Tai-Fen Song, Hai-Yin Lee, Sheng K Wu · Yao-Chuen Li Yi-Jou Lin, Hwai-ting Lin	Dr. Min-Huan Wu

**2019.5.5 (Sun)**

<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
13:10-14:10	PV-6 Discussion on Joint Angle Analysis System of Barbell Movement	Jhih-Jyun Ma, Wu-Wen Hsiang,	Dr. Chaio-Lin Nien
	Chin-Hua Chiu		
	PV-7 The Effect of High-Intensity Interval Training on Step-Load Test and Heart Rate	Hsiang-Ting Chen, Jia-Tzer Jang,	
	Recovery	Te-Sheng Chen, Yi-Ching Fang	
	<b>Poster Presentation VI</b>		
	PVI-1 The Effects of the Participation in Recreational Exercise on Job Performance and Life	Yen-Tsang Lin, Kuo-Wei Lee,	
	Satisfaction for Teachers in Kaoshiung City	Sheng-Chieh Lin, Yu-Hsuan Huang	
	PVI-2 The Operation and Strategy of Fitness Center	Yi-Ting Wu, Kuo-Wei Lee, Pin-Cherng Lai	
	PVI-3 The Study of eSports Product Marketing Strategy	Lai, P. C., Lee, K. W., Wu, Y. T.	
	PVI-4 The benefits of Corporate Sponsorship Campaigns	Tau-Jie Huang, Kou-Wei Lee	
	PVI-5 The Difference of Situational Interest as Billiard Ball Class among Different Sport	Wu-Chin Hsieh, Sui-Yen Liang,	
	Behavior Stages University Students	Mei-Mei Liang, Min-Hsiu Hsieh	
	<b>Poster Presentation VII</b>		
	PVII-1 Shapeable physiological signal sensor Field verification and analysis	Ying-Fu Ding, Steven Fan, Ming-Huan Yang,	
	Chih-Hui Chiu		
PVII-2 The Analysis of Students Health Physical Fitness in National Chung-Hsing	Chia-Te, Hsu		
University			
PVII-3 Gym Integration System of Research and Development Analysis	Wu Tsai-Chen, Cai,Zheng-Wei		
PVII-4 Indoor Cycling Pedaling Power System	Chu-Han, Lin, Yen-Yu Chang		
PVII-5 Whole Body Vibration Machine for Elderly Balance Training of Human-Computer	Wi-Ci Chen, Li-Chieh Kuo, Chih-Chun Lin,		
Interaction Design	Chien-Chun Huang, Chien-Hsien Yeh		
		Prof. Chin-Fa Chen	

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13:10-14:10	<p><b>Poster Presentation VIII</b></p> <p>PVIII-1 Analyze the Strategy of Elite Table Tennis Player Lin Yun-Ju by 3S Principle</p> <p>PVIII-2 Effect of Cryogenic Cooling and Hyperoxia on Recovery Lactate in Acute Single Rowing Exercise</p> <p>PVIII-3 The Promotion of Woman Exercise in Taichung City</p> <p>PVIII-4 Research on Gymnasts' Professional Self-Identity</p> <p>PVIII-5 Analysis of Badminton Players' Physical Attributes in Relation to Their Performance in 2016 Rio Summer Olympics and 2018 Jakarta Asian Games</p>	<p>Ya-Lun Tsai, Chia-Wei Hsu, Ching-Hsiu Chiang, Ming-Hua Hsu</p> <p>Meng-Chan Li, Jia-Tzer Jang</p> <p>Yu-Hsuan Huang, Kuo-Wei Lee, Yao-Chung Hsu, Yen-Tsang Lin</p> <p>Hsiu-Ju Chuang , Lu-Hsien Chen</p> <p>SioHou Ng, Sheng K Wu</p>	Dr. Ren-Shiang Jiang
14:10-15:30	<p><b>Oral Presentation IV</b></p> <p>OIV-1 Discussion on The Suitability of A Additional PE Class in Primary and Junior High School Dance Classes</p> <p>OIV-2 Discussion on The Relationship between Female Athletes' Gender Roles and Love</p> <p>OIV-3 Recreation or Supplementary Education: Case Comparison on Public and Private After-School Programs</p> <p>OIV-4 Becoming A fan: From Serious Leisure Point of View</p> <p><b>Oral Presentation V</b></p> <p>OV-1 Badminton Women's Doubles Technical Analysis of 2016 Rio Olympics Quarterfinal Contestants</p> <p>OV-2 Technical Analysis of Women's Team Matches in World Beach Handball Championships–Taking the Top Six in 2016 and 2018 as Examples</p>	<p>Shen, Shu-Jen, Yau, Chen-Yu</p> <p>Chih-Han Wu, San-Fu Kao</p> <p>Ting-Chung Huang, Yu-Ling Chen</p> <p>Yu-Cheng Guo, Yu-Ling Chen</p> <p>Tseng, Yu-Ling, Chen, Szu-Yuan</p> <p>Chen Yingju, Chen Szuyuan</p>	<p>Dr. Kuo-Wei Lee</p> <p>Prof. Shih-Hua Fang</p>



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<b>Time</b>	<b>Theme</b>	<b>Speaker</b>	<b>Chair</b>
14:10-15:30	OV-3 Effect of Low Temperature and High Oxygen on Heart Rate and Lactic Acid Accumulation in Short-Term Acute High-Intensity Exercise Load Recovery Period	Li Yuan Xi, Jia-Tzer Jang, Yeh Ting Yu	Dr. Yen-Ting Lin
	<b>Oral Presentation VI</b>		
	OVI-1 The Effect of Pre-Cooling in Systemic Circulation	Cheuk-Yin Chan, Jia-Tzer JANG, Te-Sheng CHEN, Yi-Ching FANG	
	OVI-2 Effect of Cooling Application on High-Intensity Training Load on Heart Rate and Lactic Acid Curve During Recovery Period	Wai-Ieng Si, Jia-Tzer Jang, Ting-Yu Yeh	
	OVI-3 The Effect of Lower Extremity Adductor Magnus Activation on Female Running	Yen-Ju Chang, Chi-Huang Huang	
	OVI-4 The Effect of Heart Rate and Blood Lactate Curve of One-Day High-Intensity Training with Hyperoxia Recovery Applications	Hung-Hsun Lee, Jia-Tzer Jang, Ting-Yu Yeh	
15:30-16:00	Closing Ceremony	Prof. Sheng-Kwan Wu	Prof. Ching-Lin Wu