

Oral Presentations

The “6th World Congress of Racket Sport Science”

May 25-26, 2018, Bangkok, Thailand

“Racket sports from a multidisciplinary perspective”

Friday, 25th May 2018

Oral Presentation I

Chair: Waree Widjaja

11.00 -12.00 (Room: Arnoma Grand Hall)

Co-Chair: Kornkit Chaijenkij

O1	11:00- 11:15	Acute effect of lactose-free skim milk and sport drink ingestion on post-exercise performance of collegiate badminton athletes (20) <i>Presenter: Marla Frances Tan Mallari</i>
O2	11:15- 11:30	Fluid-electrolyte balance associated with badminton match play (51) <i>Presenter: Anil Ramachandran</i>
O3	11:30- 11:45	FMS application on physical characteristic analysis between single and double players in badminton (27) <i>Presenter: Mu- Lin Tai</i>
O4	11:45- 12:00	The analysis of functional movement screen on elite female tennis player (37) <i>Presenter: Kai-Lung Chang</i>

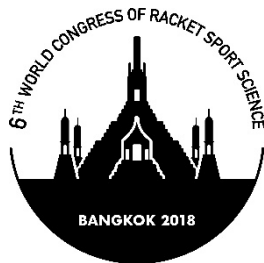
Oral Presentation II

Chair: Weerawat Limroongreungrat

11.00 -12.00 (Room: Sarocha)

Co-Chair: Monchai Chottidao

O5	11:00- 11:15	Biomechanical quantification of the key parameter related to the forehand overhead smash in Badminton (9) <i>Presenter: Gongbing Shan</i>
O6	11:15- 11:30	Shot outcome as a function of impact location and racket kinematics in the badminton jump smash (66) <i>Presenter: Mark King</i>
O7	11:30- 11:45	Accelerometer can accurately measure training load in badminton (49) <i>Presenter: Yi-Chih Lin</i>
O8	11:45- 12:00	Development of biomechanical feedback training for learning badminton smash (8) <i>Presenter: Gongbing Shan</i>



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Oral Presentation III

Chair: Chien-Lu Tsai

14.40 - 16.10 (Room: Arnoma Grand Hall)

Co-Chair: Monchai Chottidao

O9	14:40-14:55	A study of dynamic strength index in Thai national badminton players: case presentation (50) <i>Presenter: Vorramate Prajongjai</i>
O10	14:55-15:10	Muscle-strength-ratios in para-badminton - with special consideration of the trunk muscles (25) <i>Presenter: Hanno Felder</i>
O11	15:10-15:25	<i>Nicolae Ochiana, Alexandru Mosoi</i> Mental skills in individual sports that use or not use racket sports (74) <i>Presenter: Nicolae Ochiana</i>
O12	15:25-15:40	Analysis of challenge request success according to contextual variables in elite badminton (34) <i>Presenter: Laura Primo</i>
O13	15:40-15:55	Model of social inclusion through sports for people with functional diversity. An intervention program based on the practice of badminton: b4all (41) <i>Presenter: Andrea Gutiérrez-Suárez</i>
O14	15:55-16:10	The transforming strategy of badminton coaching system in Taiwan's national team (42) <i>Presenter: Chih-Yi Chen</i>

Oral Presentation IV

Chair: Adrian Lees

14.40 - 16.10 (Room: Sarocha)

Co-Chair: Chirawat Paratthakonkun

O15	14:40-14:55	Features and Preventive Measures of Ocular Injuries Caused by Badminton (7) <i>Presenter: Jie Yu</i>
O16	14:55-15:10	The relationship between ball speed and ball spin of serve in collegiate male tennis players (33) <i>Presenter: Hiroo Takahashi</i>
O17	15:10-15:25	Ball data analysis in professional male tennis players' ground strokes -focused on difference of ball placement and position- (40) <i>Presenter: Shunsuke Murakami</i>
O18	15:25-15:40	The ball speed and the ball spin created by ground strokes during the rallies in actual tennis match (61) <i>Presenter: Ryogo Kashiwagi</i>
O19	15:40-15:55	Relationship between racket swing and ball movement in tennis forehand stroke- experimental study by two participants-(63) <i>Presenter: Shuhei Okamura</i>
O20	15:55-16:10	Comparison of competitive skills and tactic among varied double teams in soft tennis (12) <i>Presenter: Shih-Tsun Chang</i>



Oral Presentations

Saturday, 26th May 2018

Oral Presentation V

Chair: Naruepon Vongjaturapat

10.45 -12.00 (Room: Arnoma Grand Hall)

Co-Chair: Monchai Chottidao

O21	10:45-11:10	A scientometric study about badminton applied to sports science research (56) <i>Presenter: David Cabello-Manrique</i>
O22	11:00-11:15	Screening and developing racquet sports potential with the 'SportKompas' (29) <i>Presenter: Johan Pion</i>
O23	11:15-11:30	The influence of Spraino [®] on performance and safety in badminton (73) <i>Presenter: Filip Gertz Lysdal</i>
O24	11:30-11:45	A coaches' perspective on the contribution of anthropometric measures, physical performance, and motor coordination tests in table tennis, tennis, and badminton (13) <i>Presenter: Kamasha Robertson</i>
O25	11:45-12:00	Exploring the Role of Junior Success in Predicting Senior Success (64) <i>Presenter: Li Pingwei</i>

Oral Presentation VI

Chair: Waree Widjaja

10.45 -12.00 (Room: Sarocha)

Co-Chair: Amornphan Ajjimaporn

O26	10:45-11:00	A responder analysis of the table stars @school intervention in primary school children (6-12 years) – preliminary results (14) <i>Presenter: Irene R. Faber</i>
O27	11:00-11:15	Challenge Analysis and Countermeasure of Traditional Table Tennis Training in 40 + Era (6) <i>Presenter: Lai Wai Ho</i>
O28	11:15-11:30	Effect of perturbation-induced tasks on expert and novice table tennis players over a period of practice (67) <i>Presenter: Wan Rizal</i>
O29	11:30-11:45	Compared study of health and sport-related physical fitness on college badminton and tennis players (48) <i>Presenter: Yi-Chun Lin</i>
O30	11:45-12:00	The relative age effect and biological maturity in Elite youth table tennis players – the Dutch case (23) <i>Presenter: Irene R. Faber</i>



Poster Presentations

The “6th World Congress of Racket Sport Science”

May 25-26, 2018, Bangkok, Thailand

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Friday/Saturday, 25th-26th May 2018

#	Code	Author Title Presenter
P1	17	<i>Sherif Fathy Saleh</i> Effects of training program using table tennis balls with various sizes on the performance level of some attack and counterattack skills of junior table tennis players <i>Presenter: Sherif Fathy Saleh</i>
P2	18	<i>Kiso Murakami, Shunsake Sakata, Masumi Matsuura</i> A qualitative examination of coping strategies in international tennis umpires <i>Presenter: Kiso Murakami</i>
P3	21	<i>Ming-Hua Hsu, Chia-Te Hsu, Sheng-Kuang Wu, Ying-Chih Chien</i> 3s theory for case analysis: tactical characteristics of two talented young table tennis players <i>Presenter: Ming-Hua Hsu</i>
P4	22	<i>Ming-Kun Chen, Ju-Chun Chien, Hsin-Hung Chiang</i> Research of health-related fitness toward university students: a case study of NCHU racket sports students in 2017 <i>Presenter: Ming-Kun Chen</i>
P5	30	<i>Angelita Cruz, Hyun-Duck Kim</i> Team performance, team bond, and coaching duration on cohesion of young badminton players <i>Presenter: Angelita Cruz</i>
P6	31	<i>Karine Jacou Sarro, João Guilherme Cren Chiminazzo, David Cabello-Manrique, Milton Shoiti Misuta</i> Determination of badminton players' displacement by video analysis: reliability results of manual measurements <i>Presenter: David Cabello-Manrique</i>
P7	36	<i>Karen Lima, Sergio Galan, Camila Cabral, Poliane Avides, Norma Rodrigues, Christian Cabido, Marcos Santos</i> Performance in vertical jump and use of elastic energy in badminton players <i>Presenter: Karen Lima</i>
P8	35	<i>Kazuto Yoshida, Yoichi Iino, Sho Tamaki, Yuki Inaba, Koshi Yamada</i> Experimental Study on Effective Skills of Table Tennis Service <i>Presenter: Kazuto Yoshida</i>
P9	32	<i>Chen-Chi An, Hua-Yi Hsu, Tai-Ger Hsu, Chen-Ching Ting</i> The table tennis forehand stroke training course design and performance analysis <i>Presenter: Chen-Chi An</i>

P10	43	<i>Ivana Nikolić, Miran Kondrič, Tomislav Hublin</i> The Relationship of Morphology, Motor Abilities and Specific Table Tennis Tasks of Young Table Tennis Players' and their Competitive Success <i>Presenter: Miran Kondrič</i>
P11	44	<i>Ajay Chavan, Fiddy David</i> Touchdown kinematics and plantar pressure distribution during forehand and backhand in tennis <i>Presenter: Ajay Chavan</i>
P12	45	<i>Te-Cheng Wu, Chen-Chi An, Jiann-Li Chen</i> Analysis of 2018 ITTF German open gold medalists' performance in late-game situation <i>Presenter: Te-Cheng Wu</i>
P13	46	<i>Darshan Kamalakar, Fiddy Davis</i> Kinematic analysis of selected strokes in badminton – a preliminary study <i>Presenter: Darshan Kamalakar</i>
P14	47	<i>Purva M. Gandhi, Shruti J. Shenoy, Fiddy Davis</i> Badminton specific injuries: a review <i>Presenter: Purva M. Gandhi</i>
P15	53	<i>Juan Carlos Blanca-Torres, Miran Kondrič, Ángel Iván Fernández-García, David Cabello-Manrique</i> Differences in single badminton player profile between London 2012 and Rio 2016 Olympics games <i>Presenter: David Cabello-Manrique</i>
P16	54	<i>Gema Torres-Luque, Miran Kondrič, Juan Carlos Blanca-Torres, David Cabello-Manrique</i> Differences in competition statistics in badminton doubles at the Olympic games <i>Presenter: Gema Torres-Luque</i>
P17	55	<i>Juan Carlos Blanca-Torres, David Cabello-Manrique, Ángel Iván Fernández-García, Miran Kondrič</i> Anthropometry profile of Olympic singles badminton players <i>Presenter: David Cabello-Manrique</i>
P18	68	<i>Shawn Yi-Ching Peh, Rizal Wan, Jia Yi Chow, John Komar</i> The effect of attentional focus instructions in executing a badminton serve <i>Presenter: Shawn Yi-Ching Peh</i>
P19	58	<i>Gema Torres-Luque, Ángel Iván Fernández-García, Pantelis T. Nikolaidis</i> Physiological characteristics of elite table tennis players <i>Presenter: Gema Torres-Luque</i>
P20	59	<i>Ángel Iván Fernández-García, Juan Carlos Blanca-Torres, Pantelis T. Nikolaidis, Gema Torres-Luque</i> Differences in serve statistics between male and female high-level tennis players in clay court surface <i>Presenter: Ángel Iván Fernández-García</i>
P21	57	<i>Gema Torres-Luque, Juan Carlos Blanca-Torres, Pantelis T. Nikolaidis, Ángel Iván Fernández-García</i> Differences in stroke performance statistics between male and female high-level tennis players in clay court surface <i>Presenter: Gema Torres-Luque</i>
P22	60	<i>Ángel Iván Fernández-García, Juan Carlos Blanca-Torres, Pantelis T. Nikolaidis, Gema Torres-Luque</i> Differences in competition statistics between winners and losers in male and female tennis players in Olympic games <i>Presenter: Ángel Iván Fernández-García</i>

P23	65	<i>Jaafar Mohd Haiyu, Goh Jordan, Ulin Nuha</i> A prospective study on skeletal mass and anthropometric scan in Asian young adult athletes and non-athletes: relationships with high impact sports <i>Presenter: Jaafar Mohd Haiyu</i>
P24	69	<i>Goran Munivrana, Irene Faber, Michael Fuchs, Miran Kondrič, Igor Jelaska, Nicolae Ochiana, Tina Matjašič</i> A first step to create an international benchmark for talent development in table tennis <i>Presenter: Goran Munivrana</i>
P25	70	<i>Miran Kondrič, Ivana Nikolić, Gordana Furjan-Mandić, Goran Munivrana, Nicolae Ochiana, Tina Matjašič</i> Gender related differences in development of certain motor abilities in talented youth table tennis players <i>Presenter: Miran Kondric</i>
P26	71	<i>Miran Kondrič, Drago Torkar, Matej Supej, Jan Ogrin, Tina Matjašič</i> Measuring ball speed and height above the net in table tennis <i>Presenter: Miran Kondric</i>
P27	72	<i>Tsung-Min Hung, Kuan-Fu Chen, Chung-Ju Huang, Tai-Ting Chen, Ting-Yu Chueh, Miran Kondrič</i> Difference of visuo-spatial working memory capacity in table tennis players with different levels of skill: an erp study <i>Presenter: Miran Kondrič</i>
VIRTUAL		
V1	38	<i>Miguel-Ángel Gómez, Fernando Rivas, Luis-Miguel Ruiz</i> Performance analysis of men's and women's elite badminton players during international competitions <i>Presenter: Miguel-Ángel Gómez</i>
V2	39	<i>Miguel-Ángel Gómez, Fernando Rivas, Luis-Miguel Ruiz</i> Effect of long rallies on the immediate next rally during elite men's and women's badminton long matches <i>Presenter: Miguel-Ángel Gómez</i>
V3	26	<i>João Guilherme Cren Chiminazzo, Julia Barreira, David Cabello-Manrique</i> How unforced errors and winner point can define a badminton match outcome? <i>Presenter: João Guilherme Cren Chiminazzo</i>
V4	52	<i>Aline Miranda Strapasson, João Guilherme Cren Chiminazzo, David Cabello Manrique, Roberto Rodrigues Paes</i> Game analysis of wheelchair para-badminton <i>Presenter: Aline Miranda Strapasson</i>
V5	15	<i>Lingjie Zhang, Gordana Furjan-Mandić</i> Study of shoulder posture in Beijing sports university tennis players <i>Presenter: Lingjie Zhang</i>
V6	16	<i>Lingjie Zhang, Gordana Furjan-Mandić</i> Sports injury investigation and risk assessment of national female tennis players <i>Presenter: Lingjie Zhang</i>
V7	62	<i>Fiddy Davis, Jarshad Thattarathil</i> Plantar Pressure Distribution During Lunge and Landing in Badminton <i>Presenter: Fiddy Davis</i>