

Organisers:



**CUHK SPORTS
MEDICINE**
中大運動醫學



7TH STUDENT CONFERENCE ON SPORTS MEDICINE, REHABILITATION
AND EXERCISE SCIENCE 2021 CUM ASIAN FEDERATION OF
SPORTS MEDICINE SCIENTIFIC SYMPOSIUM 2021

第七屆香港運動醫學及科學學會 (HKASMSS) 學生學術會議
暨 亞洲運動醫學聯會 (AFSM) 研討會2021

Innovations in Sports Technology: Advancing Sports Medicine and Sports Science 運動科研創新發展 邁向運動醫學及科學新一頁

DATE & TIME 日期與時間

Dec 4, 2021 (Sat) 0900 – 1800

Dec 5, 2021 (Sun) 1000 – 1700

VENUE 地點

Charles K.Kao Auditorium,
Hong Kong Science Park
香港科學園高錕會議中心

Different Sessions will be Conducted in English or
Cantonese (Please refer to Program Rundown)
各環節分別以英語 / 廣東話進行 (請參考日程表)

PROGRAM 活動內容:

- Scientific Symposium 研討會
- Sharing Session 分享環節
- Students Presentation 學生演講 (Oral & Poster)
- Panel Discussion 專題討論
- Booth Exhibition 攤位展覽
- Networking Sessions 交流環節

HIGHLIGHT 焦點主題:

- ✓ Technology in Elite Sports
精英運動科研發展
- ✓ Sports Technology in PE
中小學教育層面的科技應用
- ✓ Sports Technology for Performance and
Health & Wellness
有關運動表現和醫療健康的科研技術

**Educational practitioners, Coaches, Sports Lovers
& Public are welcomed**

歡迎教育界人士、教練、熱愛運動人士及市民大眾參與



**FREE Registration
is now OPEN!**

網上免費報名現正開放

www.hkasmss.org.hk/studentconference2021

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Supporting Organisations:



體育、運動及健康學系
Department of Sport, Physical Education and Health



Department of
Health and
Physical Education



康復治療科學系
Department of Rehabilitation Sciences



LKS Faculty of Medicine
School of Public Health
香港大學公共衛生學院



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Sponsors:



Innovations in Sports Technology: Advancing Sports Medicine and Sports Science

運動科研創新發展 邁向運動醫學及科學新一頁

Preliminary Program

Time	Program 流程 - 4 Dec 2021 (Sat)	
0830-0900	Registration 登記	
0900-1015	Free Paper Presentation I 論文報告 I: <i>Sports Rehabilitation 運動復康</i> (E)	
1015-1030	Break 小休	
1030-1145	Free Paper Presentation II 論文報告 II: <i>Sports Medicine and Exercise Science 運動醫學與運動科學</i> (E)	
1145-1230	Networking Session 交流環節 (Pre-function Hall, 1/F) (一樓會議前廳)	Poster Session I 海報展示 I (E) Pre-function Hall & Hall 4 - 7, 2/F) (二樓會議前廳 及 會議廳 4-7)
1230-1245	Opening Ceremony and FHKASMSS Award Ceremony 開幕典禮 及 FHKASMSS 頒授典禮	
1245-1345	Scientific Symposium: “Innovations in Sports Technology: Advancing Sports Medicine and Sports Science” 學術研討會：運動科研創新發展 邁向運動醫學及科學新一頁	Moderator: Dr Raymond SO, Director, Elite Training Science & Technology, Hong Kong Sports Institute (HKSI)
1245-1305	Advancement of Technology in Elite Sport Training and Competition 運動科研發展：精英運動培訓及比賽篇 (C)	Dr. Raymond SO, Director, Elite Training Science & Technology, Hong Kong Sports Institute (HKSI)
1305-1325	Advances in Aero-based Performance Sports Engineering Research 運動工程研究：空氣動力學之革新 (E)	Prof. Xin ZHANG, Swire Professor of Aerospace Engineering, Chair Professor, Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology (HKUST)
1325-1345	Leveraging the Athletic Performance by Wearing the Best Sportswear 打造高科技運動服裝 提升運動表現 (C)	Dr. Gloria YAO, Director, Project Development, Hong Kong Research Institute of Textiles and Apparel (HKRITA)

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1345-1415	Panel Discussion: “Bridging the Gap Between Developers and End Users – the Obstacles and Opportunities” 專題討論：如何拉近開發者及使用者的距離——機會與挑戰 (C) Prof Patrick YUNG, CUHK (Moderator) Chairman, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong (CUHK) Dr. Raymond SO, HKSI Director, Elite Training Science & Technology, Hong Kong Sports Institute (HKSI) Prof. Xin ZHANG, HKUST Swire Professor of Aerospace Engineering, Chair Professor, Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology (HKUST) Dr. Lei YAO, Gloria, HKRITA Director, Project Development, Hong Kong Research Institute of Textiles and Apparel (HKRITA) Mr. King-yin CHAN, HKSI Head Windsurfing Coach, Hong Kong Sports Institute (HKSI) Mr. Robert LUI, Deloitte China Government Affairs Unit - Southern Region Leader, Audit & Assurance Partner, Deloitte China UG / Postgrad Students	
1415-1430	Break 小休	
1430-1545	Free Paper Presentation III 論文報告 III: <i>Sports Innovations and Sports Technology</i> 運動科研 (E)	
1545-1630	Networking Session 交流環節 (Pre-function Hall, 1/F) (一樓會議前廳)	Poster Session II 海報展示 II (E) Pre-function Hall & Hall 4 - 7, 2/F) (二樓會議前廳 及 會議廳 4-7)
1630-1800	AFSM Scientific Session & International Free Paper Presentation 亞洲運動醫學聯會學術會議 及 海外投稿論文報告 ** (E)	
1630-1645	Sports Medicine after COVID-19 疫情下的運動醫學「新常態」	Prof Patrick YUNG Chairman, Department of Orthopaedics and Traumatology, The Chinese University of Hong Kong (CUHK)
1800-1820	Award Presentation Ceremony 頒獎典禮	
1820-1830	Break 小休	
1830-1930	AFSM ExCo Meeting 亞洲運動醫學聯會幹事會議 (Meeting Room, 2/F) (二樓會議室)	

**** 以 Zoom 形式進行 Delivered via Zoom format.**

(C) 以廣東話進行 Delivered in Cantonese

(E) 以英語進行 Delivered in English

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5 Dec 2021 (Sun)

Time	Program 流程	Moderator / Speaker
0930-1000	Registration 登記	
	Sharing Session I: Indicating Sports Technology in Physical Education 分享環節一：應用運動科研 支援體育發展	Moderator: Dr Lobo LOUIE, Senior Lecturer I & Associate Head, Department of Health and Physical Education, The Education University of Hong Kong (EDUHK)
1000-1015	Technology in PE: Old Wine in New Bottles? 運動科技與學校體育：新瓶舊酒？(C)	Mr. Kevin KAM, Senior Lecturer I, Department of Health and Physical Education & Director of School Partnership and Field Experience, The Education University of Hong Kong (EDUHK)
1015-1030	STEM Education in Physical Education 體育與 STEM 教育之融合 (C)	Ms. Annie WONG, Chief Curriculum Development Officer (Physical Education), Education Bureau (EDB), HKSAR
1030-1045	New World of Play 玩樂新世界 (C)	Mr. Tony SUNG, Co-founder, Nex Inc.
1045-1100	Integrating PE into Student Life - A New Vision 運動新視野 STEM in PE 大趨勢 (C)	Mr. Howard WONG, Founder and CEO, Active Learning Solutions
1100-1130	Panel Discussion 專題討論 (C)	All Session I Speakers
1130-1200	Networking Session 交流環節 (Pre-function Hall) (會議前廳)	
1200-1300	Lunch Break 午膳	
	Sharing Session II: Sports Technology for Performance Enhancement 分享環節二：利用運動科研 提升運動表現	Moderator: Dr. Raymond SO, Director, Elite Training Science & Technology, Hong Kong Sports Institute (HKSI)
1300-1312	Application of Sports Technology in Football 運動科研：足球篇 (C)	Ms. Yuen-ting CHAN, Football Coach
1312-1324	The Barrier of Application of Sports Technology from the Elite to the Amateur ** 運動科技大眾化的障礙 (C)	Mr. Graham MAK, CEO, RaceFit International Company Limited
1324-1336	Use of Technology in High Performance Rowing 運動科研：賽艇篇 (E)	Mr. Chris PERRY, Head Rowing Coach, Hong Kong Sports Institute (HKSI)

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1336-1348	Application of Wearable Technology into New Game Lacrosse Sixes 運動科研：棍網球篇——應用穿戴式科技 (E)	Mr. Wesley WONG, S&C Head Coach, Hong Kong Lacrosse Association
1348-1400	How Technology is Helping to Improve Athlete and Team Performance in Rugby? 如何運用科技提高欖球運動員及隊伍的表現 (C)	Mr. Andy YUEN, Performance Development Officer (Women), Hong Kong Rugby Union (HKRU)
1400-1430	Panel Discussion 專題討論 (E)	All Session II Speakers
1430-1500	Networking Session 交流環節 (Pre-function Hall) (會議前廳)	
	Sharing Session III: Sports Technology for Health & Wellness 分享環節三：運動科研發展 推動醫療健康	Moderator: Dr. Parco SIU, Associate Professor and Division Head, Division of Kinesiology, School of Public Health, The University of Hong Kong (HKU)
1500-1515	AR Rehabilitation Training Platform to Monitor the Performance with Therapists 治療師 + 智能家居 AR 實時復康指導訓練 (C)	Prof. Raymond TONG, Professor and Chairman, Department of Biomedical Engineering, The Chinese University of Hong Kong (CUHK)
1515-1530	Benefits of Bio-electrical Impedance Analysis (BIA) to the Promotion of Health and Wellness: From an Empirical Perspective 實踐經驗：生物電阻抗分析(BIA)於健康促進方面的效益 (C)	Mr. Sam WONG, Executive Director, Physical Fitness Association of Hong Kong, China (HKPFA)
1530-1540	A Real-Time and Continuous Health Monitoring System for Precautionary Diagnostics of Athletes 實時系統監測身體狀況 助運動員預防傷患 (C)	Mr. Jack CHEN, Co-founder, PointFit Technology Limited
1540-1550	How Thermal Conductive Textile Uphold the Lifestyle? 智能發熱織物 革新生活日常 (C)	Mr. Stanley KWOK, Co-founder, KnitWarm Limited
1550-1600	How Do Medical Wearable & AI Provides Insights on Exercises, Training & Sleep? 穿戴式科技與人工智能如何改善運動、訓練與睡眠 (C)	Dr. Lydia LEUNG, CEO, Belun Technology Company Limited
1600-1610	Quantify Balance and Stability to Improve Sports Performance for Everyone ** 量化平衡力 改善穩定性 超越極限 (E)	Mr. Gary JIN, CEO, Booguu Company Limited
1610-1640	Panel Discussion 專題討論 (C)	All Session III Speakers
1640-1710	Networking Session 交流環節 (Pre-function Hall) (會議前廳)	

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