

6TH ICSP: FUTURE SOLDIER

DELIVERING HUMAN ADVANTAGE



TUESDAY (12/09/2023)

Time	Main Room	Room 1	Room 2	Room 3	Posters Room
08:45 to 09:00	Welcome and Introductions: Organising Committee				
09:00 to 09:15	Opening: Brigadier Tony Finn, Head Army Healthcare, British Army				
09:15 to 09:45	Keynote: General Sir Patrick Sanders, Chief of the General Staff, British Army				
09:45 to 10:30	Keynote: Professor Mihaela van der Schaar, Professor of Machine Learning, Artificial Intelligence and Medicine, University of Cambridge				
10:30 to 11:00	Coffee Break				
11:00 to 12:30	Thematic 1: Measuring and modelling performance and musculoskeletal effects of load carriage	Thematic 2: Soldier combat ensemble considerations for women	Thematic 3: Soldiers at high altitude	Thematic 4: Human-machine teaming	
12:30 to 13:15	Lunchtime Talk: Capt Preet Chandi, Polar Explorer and World Record Holder	Lunch			
13:15 to 14:45	Oral Communication 1: Physical Training	Oral Communication 2: Musculoskeletal Injury and Physiology	Oral Communication 3: Cognitive Performance	Oral Communication 4: Environmental Stressors, Exposures, and Injuries	Posters 1: Data Analytics and Predictive Modelling Physical Performance Futures Science and Technology Human Augmentation
15:00 to 16:30	Thematic 5: Nutrition as a military capability to deliver human advantage: more people, more ready, more of the time	Thematic 6: Human impact exposure in terrain military vehicles and onboard high-speed boats compromises combat readiness, and causes severe and permanent injuries	Thematic 7: A multi-institution, multi-nation approach to develop a biomarker-based, machine learning model to identify injury risk and performance in military personnel	Thematic 8: Recommendations for military leadership, trainers, clinicians, and researchers on preventing injuries	
16:30 to 17:00	Coffee Break				
17:00 to 18:00	Oral Communication 5: Musculoskeletal Injury and Physiology	Oral Communication 6: Trial Design, Methods, Conduct, and Reporting	Oral Communication 7: Physical Performance	Oral Communication 8: Human Augmentation	
18:15 to 19:45	Thematic 9: Managing physical health and performance in the military: enablers and impediments	Thematic 10: Cold operational readiness: from science to practice	Thematic 11: Maximising the health and performance of women in ground close combat roles	Oral Communication 9: Nutrition and Metabolism	

WEDNESDAY (13/09/2023)

Time	Main Room	Room 1	Room 2	Room 3	Posters Room
08:45 to 09:30	Keynote: Professor Andy Jones, Professor of Applied Physiology, University of Exeter				
09:45 to 11:15	Thematic 12: Human augmentation to deliver an enhanced and resilient people capability for defence	Thematic 13: Spinal related injury in fast jet aircrew: identifying and suppressing the threat to operational capability	Thematic 14: Modernising the human information data ecosystem to facilitate soldier performance optimisation	Thematic 15: Soldier performance management: insights from boots on ground research	
11:15 to 11:45	Coffee Break				
11:45 to 13:15	Oral Communication 10: Female Health and Physiology	Oral Communication 11: Data Analytics and Predictive Modelling	Oral Communication 12: Cognitive Performance	Oral Communication 13: Physical Training	Posters 2: Musculoskeletal Injury and Physiology Health and Wellbeing Epidemiology Environmental Stressors, Exposures, and Injuries
13:15 to 14:00	Lunch				
14:00 to 16:00	DSEI				
16:00 to 17:30	Thematic 16: Physiological consequences of arduous military energy deficits and the anabolic role of protein nutrition	Thematic 17: Survive and thrive in the cold	Thematic 18: Collaborative research on resilience across The Technical Cooperation Program member nations	Thematic 19: Human performance optimisation for the warfighter: keeping it simple in a complex age	
17:30 to 18:00	Coffee Break				
18:00 to 19:30	Thematic 20: Considerations in programming physical training in a military environment	Thematic 21: Reducing musculoskeletal injuries in the military: a consensus approach to tackling a shared wicked problem	Thematic 22: Exertional heat illness prevention: considerations for planning and real-time monitoring	Thematic 23: Fatigue and management of warfighter mental endurance	

THURSDAY (14/09/2023)

Time	Main Room	Room 1	Room 2	Room 3	Poster Room
08:30 to 10:00	Oral Communication 14: Musculoskeletal Injury and Physiology	Oral Communication 15: Psychological Resilience and Performance	Oral Communication 16: Environmental Stressors, Exposures, and Injuries	Oral Communication 17: Physical Performance	
10:00 to 10:15	Coffee Break				
10:15 to 11:45	Thematic 24: Epidemiology of musculoskeletal injuries in female military personnel: descriptive data and risk factors	Thematic 25: Internal dialogue: deciphering the role of the gut microbiome in health and performance	Thematic 26: Exertional heat illness and recovery or return to duty: international lessons learned and best practices for the future	Thematic 27: Evidenced-based interventions to decrease overuse musculoskeletal injury prevalence in military training	
11:45 to 12:15	Lunch				
12:15 to 13:45	Oral Communication 18: Musculoskeletal Injury and Physiology	Oral Communication 19: Health and Wellbeing	Oral Communication 20: Physical Performance	Oral Communication 21: Epidemiology	Posters 3: Physical Training Nutrition and Metabolism Trial Design, Methods, Conduct, and Reporting Female Physiology Cognitive Performance Psychological Resilience and Performance
14:00 to 14:45	Keynote: Maj Gen Tim Hodgetts				
14:45 to 15:15	Coffee Break				
15:15 to 16:45	Thematic 28: Holistically assessing dismounted infantry performance: bridging science and operational relevancy	Thematic 29: Adopting a systems health approach to enhance warfighter readiness and resilience	Thematic 30: Mountain warfare: examining the effects of multi-week field training exercises in austere environments on warfighter health and readiness	No Session	
17:00 to 18:00	Closing				
18:30 onwards	Gala Dinner and Keynote Speaker: Professor Ben Goldacre, Professor of Evidence-Based Medicine, University of Oxford; ExCel London Platinum Suite, West Entrance				