



ORAL PRESENTATIONS

20th August 2026

Oral Session 13 (9:30 - 10:30)

Theme: Sex Specific Responses to Heat Stress

No	Abstract ID	Presenter	email	Affiliation	Title Of Presentation
1	AB8	Shoji Leach	shoji.leach@kcl.ac.uk	King's College London	Impact of sex and menstrual cycle hormones on gastrointestinal permeability during exertional hyperthermia
2	AB89	Rekha Shanmugam	rekha@ehe.org.in	Sri Ramachandra Institute of Higher Education and Research	Occupational Heat Stress, Sleep Quality, and Adverse Pregnancy Outcomes: Evidence from Working Pregnant Women: A cohort study in Tamil Nadu, India
3	AB93	Nikitha D	nikithad0511@gmail.com	Sri Ramachandra Institute of Higher Education and Research	Heat Stress, Muscle Injury, and Productivity loss: Examining Gender Differences among Outdoor Workers in Tamil Nadu, India
4	AB122	Mariska Andrade	ma19ah@brocku.ca	Brock University	Determining the molecular difference between biological men and women following acute heat exposure

5	AB199	Nadja Bastiaens	nadjabastiaens@yahoo.de	International Postgraduate School Jozef Stefan, Ljubljana, Slovenia	Vascular adaptations to simulated 3-d heatwave exposure in healthy female participants assessed by ultrasound: HELIA study
6	AB206	Angela Heinrich	angela.mona.22@gmail.com	Jožef Stefan Institute, Jožef Stefan International Postgraduate School, Université de Caen Normandie, SpaceMed	Cognitive Performance During and Following Prolonged Heat Stress in Female Workers
7	AB209	Sang-Hyun Roh	rohsh@snu.ac.kr	Research Institute for Human Ecology, Seoul National University, Seoul, Korea	Sex differences in onset time of cutaneous thermal sensations and heat flux: Impact of contact temperatures at 42, 46, and 50°C

20th August 2026

Oral Session 14 (11:30 - 12:00)

Theme: Aging Population in Extreme Environment

No	Abstract ID	Presenter	email	Affiliation	Title Of Presentation
1	AB6	Jericho Wee	jericho_wee@u.nus.edu	Heat Resilience and Performance Centre, Yong Loo Lin School of Medicine, National University of Singapore, Singapore	Heat Tips The Balance: Exertional Heat Stress Impairs Postural Stability In Older Adults
2	AB76	Jesse Schwartz	jessecooper.schwartz@hdr.qut.edu.au	Queensland University Of Technology	Representation Of Middle-Age And Older Adults In Exercise Thermoregulation Research: A Systematic Review
3	AB222	Antony Stadnyk	antony.stadnyk@uts.edu.au	School Of Sport, Exercise & Rehabilitation, Faculty Of Health, University Of Technology Sydney, Australia	Effects Of Extreme Heat Events In Older Australians: A Scoping Review

20th August 2026

Oral Session 15 (15:15 – 16:15)

Theme: Thermal Comfort and Perception

No	Abstract ID	Presenter	email	Affiliation	Title Of Presentation
1	AB47	Mohammad Fakhrulrezza Bin Suhaimi	mfrezza93@gmail.com	Kookmin University	Perceptual Quantification for Comfort-Based Radiant Heating Management in Vehicles
2	AB69	Mandy Peggen	mandy.peggen@radboudumc.nl	Radboudumc	Impact Of Neighborhood Greenness On Thermal Perception And Behavior During A Dutch Heatwave
3	AB166	Gineesh Gopi	tggineesh@kookmin.ac.kr	Kookmin University	Towards Near-Infrared Image-Based Thermal Comfort Discrimination For Occupant-Centric Climate Control In Electric Vehicles
4	AB187	Alexander Patrician	amdpatrician@gmail.com	University Of British Columbia	Harnessing Continuous Thermal Perception To Investigate Thermal Overshoot
5	AB214	Ni Sun, Xinyan Zheng	zhengxinyan0513@163.com	Shanghai University Of Sport	Effects Of Mild Thermal Deviations On Cognitive Performance In Indoor Environments: The Role Of Thermal Comfort Physical Activity Level
Theme: Skin Wettedness and Thermal Behaviour					
6	AB115	Ralph Gordon	R.J.F.H.Gordon@soton.ac.uk	University Of Southampton	Skin Tolerance To Mechanical Shearing At The Heel: The Role Of Temperature, Moisture, And Interface Material Properties

20th August 2026

Oral Session 16 (16:15 – 17:00)

Theme: Humidity and Its Impact on Thermoregulation

No	Abstract ID	Presenter	email	Affiliation	Title Of Presentation
1	AB25	Raagavi Mani	raagavimani@u.nus.edu	National University of Singapore	Affordable And Sustainable Solutions To Improve Sleep Among Outdoor Workers In Non-Air-Conditioned, Multi-Occupancy Dormitory In The Tropics
2	AB80	Hui Cheng Choo	huichengchoo@gmail.com	High Performance Sport Institute	Thermoregulatory Responses To Exercise In Dry And Humid Heat In Tropically Habituated Males
3	AB121	Risky Haryanto	riskyharyanto@telkomuniversity.ac.id	Telkom University Purwokerto	Can Simple And Inexpensive Body Cooling Strategies Effectively Decrease Heat Strain After Physical Work In A Hot-Humid Environment?
4	AB189	Cynthia Ly	c.ly@maastrichtuniversity.nl	Maastricht University	Energy & Substrate Metabolism During 8-Hour Continuous Exposure To Varying Combinations Of Humidity, Air Quality And Indoor Temperature (Combined Results Of Two Studies)

20th August 2026

Oral Session 17 (17:15 - 18:15)

Theme: Clothing and Human-Environment Interaction

No	Abstract ID	Presenter	email	Affiliation	Title Of Presentation
1	AB16	Grant Simmons		Nike Sport Research Lab	3D Printed TPU Sports Bra Eliminates The Thermal 'Bra Tax' For Female Athletes Exercising In The Heat
2	AB53	Aislin Fields		University of Southampton, UK	Impact of age and long-term medical conditions on clothing choices for exercise in summer and winter – a mixed-methods investigation
3	AB188	Nicola Gerrett		Gentherm Inc.	The Impact Of A Heated Effleurage Or Heated Tapotement Massage On Low Back Discomfort From A Seat
4	AB210	Kalev Kuklane		Netherlands Institute For Public Safety	Heat Stress Development In Structural Firefighting Scenario And Predicted Heat Strain
5	AB221	Paolo Lenzuni		Tuscany Regional Research Center, Inail, Florence, Italy	Field Testing Of A Ventilated Jacket For Construction Workers
6	AB223	Chuansi Gao		Lund University	Heat And Maternal Health: An Early Warning System App Motherheat Alert