



POSTER PRESENTATIONS

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Environmental Stress and Health Related Outcomes

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB28	Sofia Pappa	Maastricht University	Energy metabolism and thermoregulatory responses to 32h heat exposure in healthy, young adults
2	AB34	Jun'ya Takakura	National Institute for Environmental Studes, Japan	Datasets for Connecting Global Climate Projections with Local Individual Heat Exposure and Physiological Consequences
3	AB88	Alexandros Sotiridis	School Of Physical Education And Sport Science, National And Kapodistrian University Of Athens, Athens, Greece	Low Fitness And Tobacco Smoking Act Additively To Reduce The Second Ventilatory Threshold

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Clothing and Human-Environment Interaction

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB38	Yoon Jeong Baek	Institute of Human Ecology, Seoul National University	Effects of Wet Cooling Sheet Temperature on Physiological Heat Strain Relief with Ice Packs in a Hot Environment
2	AB147	Karl Friedl	US Army Research Institute of Environmental Medicine	Staying Warm When Dry Is Impossible: Biophysical Lessons from Indigenous Arctic Clothing Systems
3	AB205	Yonghyun Cho	Department of Mechanical and Aerospace Engineering, Seoul National University	Uniform Moisture Accumulation but Regional Differences in Thermal Sensation during Arm and Leg Exercise in Fully Encapsulated Protective Clothing

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Heat Stress and Human Performance

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB13	Tianyu Zhang	University Of Otago	Adverse Effects Of Dehydration On Exertional Tolerance In Typical Contexts Might Be Overestimated
2	AB56	Kayoung Cho	Seoul National university	Dissociation Between Cooling Perception and Heat Storage Following Topical 0.9% L-Menthol During Passive Heating
3	AB84	Kosuke Higuchi	University Of Hokkaido	Regional Differences In Thermoregulatory Responses During Mild Heat Exposure
4	AB116	Nicole Yeo	Heat Resilience & Performance Centre, Yong Loo Lin School Of Medicine, National University Of Singapore, Singapore	Speech Changes During Volitional Exhaustion In The Heat
5	AB164	Tomomi Fujimoto	Niigata University of Health and Welfare	Effects of Topical Capsaicin Application to the Thigh on Quadriceps Muscle Function and Hemodynamics
6	AB173	Yumi Okamoto	Niigata University of Health and Welfare	Thermoregulatory Responses and Running Performance During a Competitive Female Soccer Match in a Cool Environment: A Preliminary Observation
7	AB176	Hoyeon Jung	Department of Fashion and Textiles, Seoul National University, Seoul, Korea	Effects of Alcohol Intake and Sleep Deprivation on Physiological Burden While Wearing Firefighter Protective Clothing in a Hot Environment

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Human Responses to Water Immersion and Submersion

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB22	Keiji Hayashi	University of Shizuoka, Junior College	Cooling effect of low-temperature carbonated water immersion
2	AB168	Darren Lim	Sport Physiology Department, Sport Science and Medicine Centre, High Performance Sport Institute, Sport Singapore, Singapore	Effect of Exogenous Carbon Dioxide on Human Thermoregulation: A Systematic Review

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Ethnicity and Environmental Resilience

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB161	Kaisei Okamoto	Hokkaido University	Estimation Of Individual Metabolic Rate Based On Morphological Parameters Detected From Regular Image
2	AB175	Joo-Young Lee	Department of Fashion and Textiles, Seoul National University, Seoul, Korea	Cold-Induced Vasodilation in Young Mongolians: Climatic Background and Hand Morphological Associations
3	AB211	Hayato Arizumi	Hokkaido University, Japan	Regional Differences in Thermoregulatory Responses to Mild Cold among Residents of Different Climate Zones: Implications for Mid- to Long-Term Cold Adaptation

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Thermal Comfort & Perception

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB7	Takako Fukazawa	Kyoto University of Education	Effects of Under-Bust Compression on Thermoregulatory Evaporation and Sweating in Young and Elderly Females
2	AB177	Makhliyo SK Soatova	Department of Fashion and Textiles, Seoul National University, Seoul, Korea	Self-identified Cold and Heat Tolerance and Behavioral Thermoregulation

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Humidity and Its Impact on Thermoregulation

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB144	Kudo Ryuki	Hokkaido University	The Impact Of Humidification In Winter Heating Rooms On The Physiological And Psychological Responses Of Occupants

21st August 2026

Poster Presentation 2 (14:30 - 15:30)

Theme: Cold Environments: Survival, Adaptation, and Performance

No	Abstract ID	Presenter	Affiliation	Title Of Presentation
1	AB30	Do-Hee Kim	Research Institute of Human Ecology, Seoul National University, Seoul, Korea	Local Cold Tolerance among North Korean Defectors: A Generational Perspective on Finger Cold-Induced Vasodilation
2	AB133	Nathan Bartman	Brock University	Is Cold-Induced Muscle Performance Impairment Due To Reduced Oxygen Availability?
3	AB154	Hisaki Kamada	Faculty of Engineering Hokkaido University,	Effect of Four-Week Dietary Nitrate Supplementation via Beetroot Juice on Cold-Induced Thermogenesis: A Single-Group Pilot Study in Healthy Adults