

International Conference		
UTCI - assessment measure in human bioclimatology – 10 years of application		
Wednesday, 22 May		
09:30-10:00	Opening ceremony Chair: <i>Krzysztof Błażejczyk</i>	
10:00-11:25	Session 1: Principles of UTCI Chair: <i>Yoram Epstein</i>	
10:00-10:30	Introductory speech, <i>George Havenith, Peter Bröde</i>	oral
10:30-10:50	A new paradigm to quantify the reduction of physical work capacity in the heat, <i>Josh Foster, George Havenith</i>	oral
10:50-11:10	UTCI application – basics, caveats, new developments, <i>Peter Bröde</i>	oral
11:10-11:15	Physiological and perceptual responses to a self-paced work simulation as a function of UTCI, <i>Josh Foster, George Havenith</i>	poster
11:15-11:20	Comparison of estimated values of clothing insulation with the UTCI clothing model, <i>Jin Ishii</i>	poster
11:20-11:25	Biometeorological forecast chain to develop thermal comfort/discomfort maps for Italy according to the UTCI, <i>Alessandro Messeri, M. Morabito</i>	poster
11:25-11:50	Coffee break	
11:50-13:25	Session 2: UTCI and health Chair: <i>Jennifer Vanos</i>	
11:50-12:10	Operational UTCI forecasting for heatwave-related health hazards, <i>Claudia Di Napoli, H. Cloke, F. Wetterhall, Ch. Prudhomme, F. Pappenberger</i>	oral
12:10-12:30	The predictability of heat-related mortality in Prague, Czech Republic during summer 2015 – A comparison of selected thermal indices, <i>Aleš Urban, D. M. Hondula, H. Hanzlíková, J. Kyselý</i>	oral
12:30-12:50	Influence of thermal environment determined according to UTCI on mortality in Polish cities, <i>Magdalena Kuchcik</i>	oral
12:50-13:10	Influenza related hospital admissions and atmospheric circulation in Spain: an statistical approach for the period 2003-13, <i>Pablo Fdez-Arroyabe, A. Martí-Ezpeleta, D. Roye, A. Santurtun</i>	oral
13:10-13:15	The Use of Universal Thermal Climate Index in respiratory tract infections predictions, <i>Ewa Dragańska, Iwona Cymes, J. Romaszko, R. Skutecki, K. Glińska-Lewczuk</i>	poster
13:15-13:20	UTCI and the Health Measures for Adaptation to Climate Change: Bulgarian Experience, <i>Zoya Mateeva</i>	poster
13:20-13:25	Assessment measures of climate related diseases, Polish perspective, <i>Jarostaw Baranowski, K. Błażejczyk, A. Błażejczyk</i>	poster
13:25-14:20	Lunch break	
14:20-16:15	Session 3: UTCI and urban climate Chair: <i>Claudia di Napoli</i>	
14:20-14:40	Motivations to use water for thermal comfort: the influence of evaporative mister systems on thermal comfort in outdoor eateries, <i>Jennifer Vanos, D. Hondula, A. Middel, H. Ambrose, A. Kaiser, M. Wright</i>	oral
14:40-15:00	Better Design of Outdoor Spaces in High-Density Cities: The Influence of Environmental Perception on Outdoor Thermal Comfort, <i>Kevin Ka-Lun Lau, Sum Ching Chung</i>	oral

15:00-15:20	Interdependency of estimated (objective) and perceived (subjective) comfort using the UTCI model in tropics: the case of Singapore, <b>Ata Chokhachian, D. Santucci, K. Lau, S. Schiavon, T. Auer</b>	oral
15:20-15:40	Comparing comfort ranges of UTCI for two tropical cities in Brazil, <b>Eduardo Krüger, T. J. Vieira Silva, S. Q. da Silveira Hirashima, E. Grala da Cunha, L. Alcântara</b>	oral
15:40-16:00	Application of thermal indices (UTCI and PET) in urban development, <b>Elena Grigorieva</b>	oral
16:00-16:05	UTCI as an output of NWP model ALADIN (CHMI), <b>Martin Novák, R. Brožková</b>	poster
16:05-16:10	Variability of bioclimatic conditions in the Western Sudetes with a special consideration of UTCI index, <b>Bartłomiej Miszuk</b>	poster
16:10-16:15	Characteristics of bioclimatic conditions in recreational areas in the vicinity of Szczecin on the basis of UTCI index, <b>Agnieszka Mąkosza</b>	poster
16:15-16:20	Bioclimatic conditions of Lublin based on the UTCI Index, <b>Mateusz Dobek, A. Krzyżewska, S. Wereski</b>	poster
<b>16:20-16:45</b>	<b>Coffee break</b>	
<b>16:45-17:20</b>	<b>At the posters discussions</b>	
<b>17:30-19:00</b>	<b>I Meeting of Polish Bioclimatologists Moderators: Joanna Wieczorek, Magdalena Kuchcik</b>	
<b>17:30-20:00</b>	<b>Warsaw tour</b>	
<b>Thursday, 23 May</b>		
<b>9:00-11:00</b>	<b>Session 4: UTCI and bioclimatic assessments Chair: Pablo Fdez-Arroyabe</b>	
09:00-09:20	Prediction of outdoor comfort enhancement in hot and dry climates using human-biometeorological UTCI charts with focus on wind and shading strategies, <b>Wolfgang Kessling, M. Engelhardt</b>	oral
09:20-09:40	Weather influence on zoo visitation in Cabárceno (Northern Spain), <b>Domingo F. Rasilla Álvarez, S. Crespo Barquín</b>	oral
09:40-10:00	UTCI variability during winter seasons in Poland in the 21st century, <b>Sylwester Wereski, Agnieszka Krzyżewska, M. Dobek</b>	oral
10:00-10:20	Adjusting monthly and daily datasets for UTCI calculations: example of Lithuania, <b>Justas Kažys, D. Valiukas</b>	oral
10:20-10:40	UTCI variability during summer seasons in Poland in the 21st century, <b>Agnieszka Krzyżewska, Sylwester Wereski, M. Dobek</b>	oral
10:40-11:00	Bioclimatic assessment of Chornohora and Tatry Mts., UTCI application, <b>Oleh Skrynyk, K. Błażejczyk, A. Błażejczyk</b>	oral
<b>11:00-11:30</b>	<b>Coffee break</b>	

<b>11:30-12:30</b>	<b>Session 5: UTCI and weather extremes</b> <b>Chair: Elena Grigorieva</b>	
11:30-11:50	Current Croatian heat waves prevention measures in comparison with UTCI heat waves, <b>Lidija Srnec, D. Plačko Vršnik, K. Mikec</b>	oral
11:50-12:10	Occurrence of extreme heat stress in Poland and its circulation conditions, <b>Arkadiusz M. Tomczyk, Małgorzata Owczarek</b>	oral
12:10-12:15	Seasonal Variation of the UTCI index and Heat Waves in Mostar (Bosnia and Herzegovina), <b>Milica Pecelj</b>	poster
12:15-12:20	Differentiation of the diurnal and seasonal course of heat load in air masses typical for Central Europe, <b>Monika Okoniewska</b>	poster
12:20-12:25	Intensity of heat load during selected weather events in 2015-2018 period in particular regions of the south-west Poland, <b>Bartłomiej Miszuk</b>	poster
12:25-12:30	Comparison of PET and UTCI values for three months of year 2018 in Zagreb and Split, <b>Lidija Cvitan, K. Zaninović</b>	poster
<b>12:30-13:00</b>	<b>At the posters discussions</b>	
<b>13:00-14:00</b>	<b>Lunch break</b>	
<b>14:00-15:10</b>	<b>Session 6: UTCI - Miscellanies</b> <b>Chair: Fabio L. T. Gonçalves</b>	
14:00-14:20	UTCI and climate change adaptation plans in Portugal, <b>João Vasconcelos, E. Correia, M. Fragoso, A.Lopes</b>	oral
14:20-14:40	UTCI in use of Polish Weather Service, <b>Joanna Wieczorek</b>	oral
14:40-14:45	Information of IMGW-PIB on the healthy use of solar UV radiation, <b>Aleksander Curyło, Bogumił Kois, J. Biszczuk-Jakubowska</b>	poster
14:45-14:50	Thermal evaluation of open-air art space by UTCI, <b>Kazuo Nagano</b>	poster
14:50-14:55	Variability of bioclimatic conditions in Szczecin in the context of thermal seasons of the year, <b>Agnieszka Małkoza, J. Nidzgorska-Lencewicz</b>	poster
14:55-15:00	Long-term variability of bioclimatic conditions in Warsaw agglomeration (Poland), <b>Katarzyna Rozbicka, T. Rozbicki</b>	poster
15:00-15:05	UTCI field measurements in an urban park in Florence (Italy), <b>Martina Petralli, G. Brandani, A. Messeri, L. Massetti, M. Morabito, S. Orlandini</b>	poster
15:05-15:10	The temporal and spatial variability of Universal Thermal Climate Index (UTCI) in Toruń, Central Poland, <b>Andrzej Arażny</b>	poster
<b>15:10-15:35</b>	<b>At the posters discussions</b>	
<b>15:35-16:00</b>	<b>Coffee break</b>	
<b>16:00-17:30</b>	<b>Round Table (Validation and improvements of UTCI)</b> <b>Moderators: George Havenith, Peter Bröde</b>	
<b>19:00</b>	<b>Conference dinner</b>	

# 1<sup>st</sup> European Biometeorologists Regional Meeting

Friday, 24 May

9:30-09:45	<b>Opening ceremony</b> <b>Chair: Krzysztof Błażejczyk</b>	
9:45-11:05	<b>Session 1</b> <b>Chair: Fabio L. T. Gonçalves</b>	
09:45-10:05	A Web-based support system for data-driven biometeorological research, <i>Benjamin Arroquia-Cuadros, Á. Marqués-Mateu, L. Sebastiá, Pablo Fdez-Arroyabe</i>	oral
10:05-10:25	A European-scale assessment of the impact of climate change on labour productivity, <i>Simon N. Gosling, J. Zaherpour, D. Ibaretta</i>	oral
10:25-10:45	Bioclimatic conditions of Lower Silesia Voivodeship in 1966-2017, <i>Arkadiusz Głogowski, K. Bryś</i>	oral
10:45-11:05	Bioclimatic mapping - review of the latest achievements, <i>Krzysztof Błażejczyk</i>	oral
11:05-11:30	<b>Coffee break</b>	
11:30-13:15	<b>Session 2</b> <b>Chair: Katarzyna Piotrowicz</b>	
11:30-11:50	Extreme temperature events: a case study for the Russian Far East, <i>Elena Grigorieva</i>	oral
11:50-12:10	Evaluating urban vegetation scenarios to mitigate urban heat island and save building's energy in dense built-up areas in Mega city Cairo, <i>Amir Aboelata, S. Sodoudi</i>	oral
12:10-12:30	Influence of urban growth of the city Vienna on the thermal comfort of its habitants, <i>Philipp Weihs, H. Trimmel, H. Formayer, Ch. Gützer, I. Nadeem, S. Oswald, S. Faroux, A. Lemonsu, V. Masson, R. Michaelm, H. Kristofer</i>	oral
12:30-12:50	Assessment of bioclimatic potential of Serbian and Polish cities for tourism using weather analysis, <i>Milica Pecelj, K. Błażejczyk, A. Błażejczyk</i>	oral
12:50-13:10	Different ways to define hot and cold periods in Poland for bioclimatological studies, <i>Magdalena Kuchcik</i>	oral
13:10-13:15	Measured and perceived effect of blue and green features at thermal comfort in urban squares, <i>Michał Lehnert, M. Jurek, V. Tokar, J. Geletič</i>	poster
13:15-14:15	<b>Lunch break</b>	

<b>14:15-16:00</b>	<b>Session 3</b> <b>Chair: Eduardo Krüger</b>	
14:15-14:35	Spatio-temporal modelling of biometeorological indices in street level using PALM-4U, <b>Jan Geletič</b> , J. Resler, P. Krč, J. Řadová, K. Eben, D. Froehlich	oral
14:35-14:55	Diurnal change in psychological and physiological responses to consistent relative humidity of 60 % rh to 80%rh, <b>Naoshi Kakitsuba</b> , Qimin Chen	oral
14:55-15:15	Infra red skin temperatures compared to thermal comfort indices (UTCI, TE and ID), <b>Fabio L. T. Gonçalves E. S. Santos</b>	oral
15:15-15:35	Medicinal properties of climate in Poland and the possibility of their use in treatment of selected diseases, <b>Jakub Szmyd</b>	oral
15:35-15:40	Potential meteorotrophy of air masses in Warsaw, <b>Katarzyna Lindner-Cendrowska</b> , G. Kaliński	poster
15:40-15:45	Weather-related subjective well-being in patients with coronary artery disease, <b>Dalia Martinaitiene</b> , N. Raskauskiene, R. Bunevicius	poster
15:45-15:50	Season and Indoor Air Conditions in Housing, <b>Masatoshi Tanaka</b>	poster
15:55-16:00	Long-term microclimate studies of peatlands as potential refugia of climate change, <b>Sandra Słowińska</b> , K. Marcisz, M. Lamentowicz, K. Błażejczyk, M. Słowiński	poster
<b>16:00-16:30</b>	<b>At the posters discussions</b>	
<b>16:30-17:00</b>	<b>Coffee break</b>	
<b>17:00-18:00</b>	<b>Round Table (European network of biometeorological research)</b> <b>Moderator: Simon Gosling</b>	
<b>18:00-18:30</b>	<b>Closing ceremony</b> <b>Chair: Krzysztof Błażejczyk</b>	