

DRAFT FINAL PROGRAMME						
THURSDAY 12TH APRIL	16.00. + 18.00. 19.00. 20.30.		ARRIVAL AT CUMBERLAND LODGE + REGISTRATION WELCOME RECEPTION IN THE DRAWING ROOM DINNER AFTER DINNER TALK: Low-tech Comfort: Heating People not Buildings, Kris de Decker, Low-Tech Magazine: CHAIR: Fergus Nicol			
FRIDAY 13TH APRIL	08.30.		REGISTRATION			
SESSION 1			CHAIRS:	Peter Foldberge and Yingxin Zhu		
RETHINKING THERMAL COMFORT	9.00.	0115	Michael	Humphreys	Puzzles and paradoxes in adaptive comfort	Long
	9.15	0102	Marcel	Schweiker	Thermal adaptation and seasonal alliesthesia: Two conflicting approaches?	Long
	9.30.	0270..	Kevin	Lomas	Performance of medium-rise, thermally lightweight apartment buildings during a heat wave	Long
	9.45	0119	Caroline	Karmann	Percent occupants satisfied in office buildings: are standard expectations matched?	Long
	10.00.	0116	Runa T.	Hellwig	Revisiting overheating indoors	Long
	10.15	0021	Terence	Williamson	Changing Thermal Comfort Expectations: Studies in Darwin, Australia.	Long
	10.30.	0106	Wouter	van Marken Lichtenbelt	Light exposure effects on the perception of the thermal environment	Long
	10.45.		DISCUSSION			
	11.00.		COFFEE			
SESSION 2			CHAIRS:	Richard de Dear and Atze Boerstra		
New approaches to heating and cooling people	11.30.	0118	Craig	Farnham	The Effect of the Visual Cue of Mist Cooling on Perceived Thermal Comfort	Long
	11.35	0071	Wonseok	Oh	Study on Thermal Indices under Mist Spray Condition through the Thermal Sensation and Comfort	Short
	11.40.	0148	M. Reza	Safizadeh	Evaluation of Radiant Heating Systems for Renovated Buildings based on Thermal Comfort Criteria	Short
	11.45.	0141	Eduardo	Kruger	Comparing occupant thermal perception of air conditioning + ceiling-mounted radiant cooling panels coupled to a roof pond	Long
	12.00.	0218	Rick	Kramer	Reliability of characterising buildings as HVAC or NV for making assumptions and estimations in case studies	Long
	12.15	0183	真成	鶴飼	Study on Evaluation Method for Indoor Thermal Environmental Quality	Long
	12.30.	0127	Ashak	Nathwani	How does Passive Chilled Beam air conditioning system rate from an indoor thermal comfort perspective when compared to Variable Air Volume?	Short
	12.35	0145	Sani	Ali	Effects of ceiling fans on the thermal comfort of students in learning environments of Bayero University, Kano, Nigeria.	Short
	12.40.		DISCUSSION			
	13.00.		LUNCH			
SESSION 3			CHAIRS	Madhavi Indraganti and Mike Humphreys		
Personal Control, Perception and Adaptive Behaviours	14.00.	0069	Gail	Brager	Personal control: windows, fans, and occupant satisfaction in three mixed-mode buildings	Long
	14.15	0184	Jessica	Fernández-Agüera	Rethinking user behaviour comfort patterns in the south of Spain-What users do.	Long
	14.30.	0088	Gary	Raw	What do British households do to keep cool?	long
	14.45.	0087	Leticia	Neves	Developing user profiles for mixed-mode office buildings operation based on occupant behaviour evaluation	Short
	14.50.	0022	Sonja	Oliveira	Managing comfort in low carbon architecture – gardens, balconies, allotments and greenhouses?	Long
	15.05.	0209	Jansen	Foo	Seeing is Believing, or is it ? : An assessment of the influence of interior finish characteristics on thermal comfort perception at a University	Short
	15.10.	0132	Farah	Al-Atrash	Personal control over indoor climate in office buildings in a Mediterranean climate - Amman, Jordan	Short
	15.15	0103	Hailun	Xie	Using feature selection techniques to determine best feature subset in prediction of window behaviour	Long
15.30.	0027	Laura	Marín Restrepo	Adaptation by coexistence: a comparative study of thermal comfort in individual and shared office spaces in Chile	Long	
	15.45		DISCUSSION			
	16.00.		TEA			
WORKSHOP 1			CHAIRS	Marcel Sweiker and Giorgia Chinazzo		
Usage and Interpretation of Comfort Scales	16.30.	0108	Giorgia	Chinazzo	A field study investigation on the influence of light level on subjective thermal perception in different seasons	Long
		0028	Hanan	Al-Khatiri	Collective understanding of ASHRAE thermal sensation phrases among Arab students	Long
		0134..	Karin	Schakib	What do people associate with “cold” or “hot”? - Qualitative analyses of the ASHRAE-scales’ labels	Long
WORKSHOP 2			CHAIRS	Runa Hellwig and Wouter van Marken Lichtenbelt		
Overheating	16.30.	0010	Asif	Din	Geographic variation of overheating and its mitigation in the UK using future climatic data	Long
		0023	Daniel L.	Wright	Overheating in UK homes: Adaptive Opportunities and Barriers to Action	Long
		0045	Ella	Quigley	Overheating and medium-rise, thermally lightweight, apartment buildings	Long
WORKSHOP 3			CHAIR	Stephano Schiavon and Christoph van Treec		
Personal Comfort Models	16.30.	0016	Shichao	Liu	Personal comfort models based on physiological parameters measured by wearable sensors	Long

		0060	Joyce	Kim	Personal comfort models – a new paradigm in thermal comfort for occupant-centric environmental control	Long
		0081	Daniele	Santucci	Developing personal thermal comfort models for a car using field data	Long
		0112	Christoph	van Treeck	Equivalent Contact Temperature (ECT) for personal comfort assessment as extension for ISO 14505-2	Short
		0057	Daniel	Wölki	Thermal comfort-driven feedback control for electric vehicles based on thermal image recognition, passenger tracking and thermop	Short
	<b>18.00.</b>		<b>END OF WORKSHOPS</b>			
	<b>19.00.</b>		<b>DINNER</b>			
	<b>20.30.</b>		<b>AFTER DINNER TALK: Comfort Field Study Experiences from Brazil, Robert Lamberts: UFS Campinas, Brazil. CHAIR: Susan Roaf</b>			
<b>SATURDAY 14TH APRIL 2018</b>						
	<b>08.30.</b>		<b>REGISTRATION</b>			
<b>SESSION 4</b>			<b>CHAIR</b>	<b>Terry Williamson and Ryoza Ooka</b>		
<b>Surveys in Hot Climates</b>	09.00.	0117	Hitoshi	Nagatsugu	Psychological impact of different methods for achieving cooling on human sensation and cognitive performance	Long
	9.15	0006..	Saif	Rashid	Defining Thermal comfort in desert(hot-arid) climates A field comfort survey in Baghdad/ Iraq	Short
	09.20.	0066	Kapil	Sinha	Assessment of transient thermal comfort characteristics in an underground metro station	Long
	09.35.	0072	Sum Ching	Chung	Effect of environmental perception on thermal sensation in sub-tropical and high-density cities: a case study of Hong Kong	Short
	09.45.	0078	Adrian	Pitts	Thermal Environments and Comfort Perception in Shophouse Dwellings of Ho Chi Minh City	long
	10.00..	0129	Madhavi	Indraganti	Occupant thermal comfort in Qatar offices in summer	Short
	10.15	122	Rasha	Al Najjar	Comfort in office buildings during the summer season: Findings from a field study in Kuwait	Short
	10.20.	0152	Frederick	Manu	Evaluation of comfort in selected buildings in the Upper East region of Ghana	Short
	10.25.	0056	Evangelia	Topriska	The effect of urban development on the outdoor comfort and intensification of the Urban Heat Island in the UAE	Long
	10.25.	124	Nereyda	Morgan Torres	Development of a Mexican Standard of Thermal Comfort for Naturally Ventilated Buildings	Short
	10.45		DISCUSSION			
	<b>11.00.</b>		<b>COFFEE</b>			
<b>SESSION 5</b>			<b>CHAIR</b>	<b>Azadeh Montazami and Gary Raw</b>		
<b>Schools, Homes, Mosques and Cities</b>	11.30.	0192	Sepideh Sadat	Korsavi	Adaptive Behaviours in UK Primary Schools: Impacts on Comfort and Indoor Quality	Short
	11.35	0193	Mina	Jowkar	Thermal Comfort in the UK Higher Educational Buildings: The Influence of Thermal History on Students' Thermal Comfort	Short
	11.40.	0205	Marta	Laska	Thermal comfort study in naturally ventilated lecture room based on questionnaire survey	Short
	11.45	0097	Manoj Kumar	Singh	Thermal comfort in Classrooms: A critical review	Short
	12.00.	0052	Maella	González	Thermal comfort in classrooms in the hot and humid climate from Mexico	Long
	12.05.	0111	Timothy O.	Adekunle	Thermal comfort and heat stress in cross-laminated timber (CLT) school buildings in summer	Short
	12.10.	0208	Dong	Chen	What the Indoor Air Temperatures in Houses in Three Australian Cities Tell Us ?	Short
	12.15	0104	Daniele	Santucci	Methodological framework for evaluating livability of urban spaces through a human centered approach	Short
	12.30.	0175	mokolade	Johnson	Impact of Physical Characteristics on Comfort and well-being in selected neighbourhoods in Lagos	Short
	12.45.		DISCUSSION			
	<b>13.00.</b>		<b>LUNCH</b>			
<b>SESSION 6</b>			<b>CHAIR</b>	<b>Eduardo Kruger and Chao Bin</b>		
<b>Comfort in Different Conditions</b>	14.00.	0131	Hom	Rijal	Adaptive Mechanisms for Thermal Comfort in Japanese Dwellings	Long
	14.15	0059	Paul	Cooper	Thermal comfort for occupants of nursing homes: A field study	Long
	14.30.	0082	Kevin Ka-Lun	Lau	The influence of outdoor transient conditions on the dynamic response of pedestrian thermal comfort in high-density cities	Short
	14.35	0107	Marialena	Nikolopoulou	From indoors to outdoors and in-transition; thermal comfort across different operation contexts	Long
	14.50.	0136	Rita	Thapa	Evaluations on wintery thermal environment in different temporary shelters build in Nepal after massive earthquake 2015	Short
	14.55	0210	Isabel	Mino-Rodriguez	Thermal Comfort in Dwellings in the Sub-Tropical Highlands in the Ecuadorian Andes	Long
	15.10.	0156	Omar	Al-Hafith	Determining courtyard pattern's thermal efficiency in the current time	Short
	<b>15.15</b>		DISCUSSION			
	<b>15.30.</b>		<b>SPECIAL SESSION ON THE ASHRAE DATA BASE CHAIRED BY RICHARD DE DEAR</b>			
	<b>16.00.</b>		<b>TEA</b>			
<b>WORKSHOP 4</b>	<b>16.30.</b>		<b>CHAIR</b>	<b>Dolaana Khovalyg and Fergus Nicol</b>		
<b>The Diversity Factos</b>	16.30.	0005	Michael	Kleber	Responses of German subjects to warm-humid indoor conditions	Long
		0064	Luisa	Pastore	Comfort, climatic background and adaptation time: Insights from a post-occupancy evaluation in multicultural workplaces	Long
<b>WORKSHOP 5</b>			<b>CHAIRS:</b>	<b>Atze Boestra and Adrian Pitts</b>		

Measuring comfort in the real world	16.30.	0024 0110	Nick Ali	Van Loy Alzaid	Data collection methods for accurate spatial use within rooms. Thermal Comfort Assessment Based on Measurement and Questionnaire Surveys in a Large Mechanically Ventilated Space	Long Short
<b>WORKSHOP 6</b>			<b>CHAIRS:</b>	<b>Lyrrian Daniels and Dennis Loveday</b>		
Domestic Comfort and Health at Low temperatures	16.30.	0084 0109 0058	Lyrrian Kit Jonida	Daniel Elsworth Murataj	Residential wintertime comfort in a temperate Australian climate Upper limits for thermal comfort in a passive environment across two cooling seasons. Energy and thermal performance of apartment buildings in Albania: the case of a post-communist country	Short Short Long
	18.00.		<b>END OF WORKSHOPS</b>			
	19.00. 20.30.		<b>DINNER</b>			
			<b>QUIZ NIGHT WITH HOSTS ATZE BOERSTRA, WOUTER VAN MARKEN LICHTENBELT AND CRAIG FARNHAM</b>			
<b>SUNDAY 15TH APRIL 2018</b>						
<b>WORKSHOP 7</b>			<b>CHAIRS:</b>	<b>Wouter van Marken Lichtenbelt and Yingxin Zhu</b>		
Health Physiology and Comfort: Real Life impacts	09.00.	0095	Rachel	Bills	Creating comfort and cultivating good health: The links between indoor temperature, thermal comfort and health.	Short
		0035	Yasmeen	Sadia	Physiological response of construction workers in hot-summer region: A study in Chongqing, China	Short
		0043	Hannah	Pallubinsky	Can regular exposure to elevated indoor temperature positively affect metabolism in overweight elderly men?	Short
<b>WORKSHOP 8</b>			<b>CHAIRS:</b>	<b>Sally Shazad and Gail Brager</b>		
Personal Comfort Systems	09.00.	0143	Yiqiang	Zhao	Self-Learning Framework for Personalised Thermal Comfort Model	Long
		0165	Sally	Shahzad	Dynamic Thermal Comfort: CFD and Field Test Analysis of a Thermal Chair	Short
		0101	Ziqiao	Li	'Intelligent furniture': the potential for heated armchairs to deliver thermal comfort with energy savings in the UK homes	Long
<b>WORKSHOP 9</b>			<b>CHAIRS:</b>	<b>Jane Galbraith and Rex Galbraith</b>		
Using Statistics for Thermal Comfort Data	09.00.	0139	Stephanie	Gauthier	Moving beyond averages: variations in reported thermal comfort	Short
		0041	Verena Marie	Barthelmes	thermal comfort attitudes, psychological, social and contextual drivers in behaviour modelling with Bayesian Networks	Short
		0268	Harry	Kennard	Regression Dilution, Bayesian Analysis and Adaptive Thermal Comfort	Long
	10.30.		<b>COFFEE</b>			
<b>SESSION 7</b>			<b>CHAIR</b>	<b>Gail Brager and Susan Roaf</b>		
Sleep, IEQ and Energy	11.00.	0280	Fergus	Nicol	Room temperature during sleep	Long
	11.15.	0105	Nan	Zhang	A research on the effects of indoor environment on sleep quality	Short
	11.20.	0123	Noriko	Umemiya	Thermal environment ranges providing good sleep quality in bedrooms – Analysis of university students in Osaka	Long
	11.35.	0121	Rajat	Gupta	A real-world empirical investigation of IEQ and staff productivity in a naturally-ventilated office environment	long
	11.50.	0177	Sébastien	Thomas	Thermal comfort and air quality: one-year measurement, analysis and feed back to users of an educational building	Long
	12.00.	0130	KC	Rajan	A study on indoor thermal environment in condominiums under the use of home energy management system	Short
	12.05	0012	Yu Ting	Kwok	The influence of building envelope design on the thermal comfort of high-rise residential buildings in Hong Kong	Long
	12.20.	0114	Akshay	Bishnoi	Effect of Operational energy variations on life cycle energy: An evaluation in residential apartments	Short
	12.25.	0138	Masanori	Shukuya	An Exergetic Investigation on the Effect of Long-Term Thermo-physical Exposure History on Thermal Perception	Short
	12.30.		<b>DISCUSSIONS AND ROUND-UP</b>			
	13.00.		<b>LUNCH</b>			
	14.00.		<b>Croquet or Cycling</b>			



