



Sunday, 6 th Sept	Sunday, 6 th Sept 2015							
	18:00 Onsite regis				tration and Drinks reception at 19:00			
Day 1: Monday,	ay 1: Monday, 7 th Sept 2015							
	07:30		Poster presenters set up their posters					
	08:00 onwards		Onsite registration					
Welcome	08:30 - 09:00		Welcome					
Keynote1	09:00	-	09:30	Keynote 1	Prof. Tassos Karayiannis (Brunel University London, UK): Flow boiling in microchannels			
	09:30	-	09:32	PC1	CFD modelling of low pressure evaporation. By Ahmad et al.			
	09:33	_	09:35	PC2	Novel CFD methods to predict evaporation of water under a vacuum. By Panesar et al.			
	09:36	-	09:38	PC3	Shell-side boiling of a glycerol-water mixture at low subatmospheric pressures. By McNeil et al.			
	09:39	-	09:41	PC4	Implementing a multi-disciplinary strategy to understand heat transfer in a reduced pressure highly active evaporator. By Baker et al.			
	09:42	-	09:44	PC7	Ambient pressure effect on nanofluid sessile droplet evaporation. By Askounis et al.			
	09:45	-	09:47	PC8	Leidenfrost vitrification of droplets with liquid nitrogen. By Duursma et al.			
	09:48	-	09:50	PC9	Condensation of R134A at low mass fluxes in a smooth tube at different inclination angles. By Ewim et al.			
9:30-10:30	09:51	-	09:53	PC10	Chemically treated micropillars for enhanced condensation heat transfer. By Orejon et al.			
Poster	09:54	-	09:56	PC11	Effect of channel orientation on the flow boiling heat transfer and pressure drop in a 1.1 mm diameter channel. By Pike-Wilson et al.			
Presentations Phase Change	09:57	-	09:59	PC12	The effect of brine temperature and salinity on the rate of electromagnetic attenuation within it. By Hales et al.			
riuse change	10:00	-	10:02	PC13	Thermocapillary convection for an evaporating meniscus with changing contact angle. By Buffone			
Session Chair:	10:03	-	10:05	PC14	Ice pigging coolant jackets: heat transfer into the ice pig body. By McBryde et al.			
D. A. McNeil	10:06	-	10:08	PC15	Ice formation and production in subcooled environments. By Yun et al.			
	10:09	-	10:11	PC16	Effect of extreme wetting scenarios on pool boiling. By Valente et al.			
	10:12	-	10:14	PC17	Experimental study on the thermal performance of two-phase closed-loop thermosyphon with liquid heat transfer agent at high heat flux. By Wei et al.			
	10:15	-	10:17	PC18	Effect of substrate temperature on deposition pattern from nanofluid droplets. By Zhong et al.			
	10:18	-	10:20	PC19	Numerical simulation of condensation in mini horizontal tubes with different cross-section shapes. By Zhang et al.			
	10:21	-	10:23	PC20	On the use of phase change materials in low-temperature Fischer-Tropsch (LTFT) reactors. By Odunsi et al.			
	10:24	-	10:26	PC21	An experimental investigation of the effect of control algorithm on the energy consumption and temperature distribution of a household refrigerator. By Tolga et al.			
	10:27	-	10:29	PC22	Experimental investigation of bubble behaviours in a heat pump water heating system. By Qin et al.			
Break	10:30 - 11:00 Coffee Break + Poster Viewing		· · · · · · · · · · · · · · · · · · ·					
					Prof. Ping Cheng (Shanghai Jiaotong University, China): Recent numerical and analytical studies on effects of surface			
Keynote2	11:00	-	11:30	Keynote 2	characteristics in phase-change heat transfer			
11:30-12:30	11:30	-	11:32	PC23	Numerical Simulation of flow and heat transfer around vertical cylinder submerged in water. By Ramadan et al.			
Phase Change	11:33	-	11:35	PC24	Saturated Boiling of Water on Biphilic Surfaces under Sub-atmospheric pressure. By Yamada et al.			
	11:36	-	11:38	PC25	On the evaporation of droplets with related initial and receding contact angles.By Stauber et al.			

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	11:39	-	11:41	PC26	Generation and Metastability of Interfacial Nanobubbles. By Takahashi et al.
	11:42	-	11:44	PC27	Optimization of Heating and Condensation System of a Water Condensed Type Washer Dryer Regarding Water Consumption. By <i>Top et al.</i>
	11:45	-	11:47	PC28/29*	Thermal Response of a Pulsating Heat Pipe on Board the Rexus 18 Sounding Rocket: PHOS Experiment Chronicles. By Creatini et al.
	11:48	-	11:50	PC30	Flow Boiling Heat Transfer in a Shallow Metallic Microchannel. By Ozdemir et al.
	11:51	-	11:53	PC31/32*	Vapour generation of perfectly wetting liquid by cyclone evaporator under variable gravity level. By Glushchuk et al.
	11:54	-	11:56	PC33	Flow Boiling Heat Transfer and Pressure Drop of R134a in a Multi Microchannel Metallic Evaporator. By Mohammed et al.
	11:57	-	11:59	PC34	Thermal Energy Storage Using Composite Phase Change Materials: Linking Materials Properties to Device Performance. By Li et al.
11:30-12:30	12:00	-	12:02	PC35/36*	A Novel Type of Multi-Evaporator Closed Loop Two Phase Thermo-syphon: Thermal Performance Analysis and Fluid Flow Visualization. By Mameli et al.
Poster	12:03	•	12:05	PC37	Numerical simulation of water-vapour condensation by means of a flow oriented scheme. By Karadimou et al.
Presentations Phase Change	12:06	1	12:08	PC38	Surface tension of n-Butanol and steam mixture on metal surface. By Jivani et al.
Phase Change	12:09	-	12:11	PC39	Effects of Vapour Velocity and Pressure on Marangoni Condensation of Steam-Butanol Mixtures on a Horizontal Tube. By Jivani et al
Session Chair:	12:12	-	12:14	PC40	Study of a New Wick Material for Capillary-Driven Heat Pipes. By De Schampheleire et al.
T. O'Donovan	12:15	-	12:17	PC41/42*	Numerical Simulation of Flow Boiling in Micro-channels: Bubble Growth, Detachment and Coalescence. By Georgoulas et al.
	12:18	1	12:20	PC43	Evaporation/boiling heat transfer characteristics in an artery porous structure. By Bai et al.
	12:21	-	12:23	PC44	Experimental study on direct solar energy absorption of Au-Cu hybrid nanofluids. By Bai et al.
	12:24	-	12:26	PC45	Modelling of a tank containing paraffin as phase-change material for cold storage applications. By Biosca-Taronger et al.
	12:24 12:27	-		PC45 PC46	Modelling of a tank containing paraffin as phase-change material for cold storage applications. By <i>Biosca-Taronger et al.</i> Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By <i>Lu et al.</i>
Lunch Break		-	12:26	PC46	
Lunch Break Keynote3	12:27	-	12:26 12:29	PC46	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al.
	12:27 12:30	-	12:26 12:29 13:45	PC46 Lunch Break	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover
	12:27 12:30 13:45	- - - -	12:26 12:29 13:45 14:15	PC46 Lunch Break Keynote 3	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces
	12:27 12:30 13:45 14:16	- - - -	12:26 12:29 13:45 14:15 14:18	PC46 Lunch Break Keynote 3 AP1	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al.
Keynote3	12:27 12:30 13:45 14:16 14:19	- - - - -	12:26 12:29 13:45 14:15 14:18 14:21	PC46 Lunch Break Keynote 3 AP1 AP2	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al. Thermal conductivities of annular packed beds in axial fluid flow. By Glass et al.
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14:00-15:15 Poster Presentations Applications	12:27 12:30 13:45 14:16 14:19 14:22 14:25 14:28 14:31		12:26 12:29 13:45 14:15 14:18 14:21 14:24 14:27 14:30 14:33	PC46 Lunch Break Keynote 3 AP1 AP2 AP3 AP4 AP5 AP6	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al. Thermal conductivities of annular packed beds in axial fluid flow. By Glass et al. Heat Transfer Mechanisms for Single Rising Taylor Bubbles. By Scammell et al. Thermal characterisation of compact heat exchangers for automotive air conditioning. By Torregrosa-Jaime et al. Improving thermocouple measurement accuracy for Solid Oxide Fuel Cell application. By Barari et al. Investigation on thermal efficiency and cost-effective mode of a solid thermal package by utilizing off-peak power. By Duan et al.
14:00-15:15 Poster Presentations Applications Session Chair:	12:27 12:30 13:45 14:16 14:19 14:22 14:25 14:28 14:31 14:34	- - - - - - - - - -	12:26 12:29 13:45 14:15 14:18 14:21 14:24 14:27 14:30 14:33	PC46 Lunch Break Keynote 3 AP1 AP2 AP3 AP4 AP5 AP6 AP7	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al. Thermal conductivities of annular packed beds in axial fluid flow. By Glass et al. Heat Transfer Mechanisms for Single Rising Taylor Bubbles. By Scammell et al. Thermal characterisation of compact heat exchangers for automotive air conditioning. By Torregrosa-Jaime et al. Improving thermocouple measurement accuracy for Solid Oxide Fuel Cell application. By Barari et al. Investigation on thermal efficiency and cost-effective mode of a solid thermal package by utilizing off-peak power. By Duan et al. Development of an optical thermal history sensor based on the oxidation of divalent rare earth ion phosphor. By Yanez-Gonzalez et al.
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14:00-15:15 Poster Presentations Applications Session Chair:	12:27 12:30 13:45 14:16 14:19 14:22 14:25 14:28 14:31 14:34 14:37 14:40		12:26 12:29 13:45 14:15 14:18 14:21 14:24 14:27 14:30 14:33 14:36 14:39 14:42	PC46 Lunch Break Keynote 3 AP1 AP2 AP3 AP4 AP5 AP6 AP7 AP8 AP9	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al. Thermal conductivities of annular packed beds in axial fluid flow. By Glass et al. Heat Transfer Mechanisms for Single Rising Taylor Bubbles. By Scammell et al. Thermal characterisation of compact heat exchangers for automotive air conditioning. By Torregrosa-Jaime et al. Improving thermocouple measurement accuracy for Solid Oxide Fuel Cell application. By Barari et al. Investigation on thermal efficiency and cost-effective mode of a solid thermal package by utilizing off-peak power. By Duan et al. Development of an optical thermal history sensor based on the oxidation of divalent rare earth ion phosphor. By Yanez-Gonzalez et al. Measurement and Simulation of Low Temperature Packed Bed Regenerators. By Pike-Wilson et al. Variable Conductance Heat Pipes for Managing Thermal Stores By Hislop et al.
14:00-15:15 Poster Presentations Applications Session Chair:	12:27 12:30 13:45 14:16 14:19 14:22 14:25 14:31 14:34 14:37 14:40 14:43		12:26 12:29 13:45 14:15 14:18 14:21 14:24 14:27 14:30 14:33 14:36 14:39 14:42	PC46 Lunch Break Keynote 3 AP1 AP2 AP3 AP4 AP5 AP6 AP7 AP8 AP9 AP10	Thermal Analysis of a Novel Solar-biogas Hybrid System Integrated with PCM Insulation Closure. By Lu et al. + Poster Viewing until 13:15 + Poster Switchover Prof. Yasuyuki Takata (Kyushu University, Japan): Pool boling on superhydrophobic/philic surfaces The Effect of Secondary Flow on Developing Flow in the Transitional Flow Regime. By Everts et al. Thermal conductivities of annular packed beds in axial fluid flow. By Glass et al. Heat Transfer Mechanisms for Single Rising Taylor Bubbles. By Scammell et al. Thermal characterisation of compact heat exchangers for automotive air conditioning. By Torregrosa-Jaime et al. Improving thermocouple measurement accuracy for Solid Oxide Fuel Cell application. By Barari et al. Investigation on thermal efficiency and cost-effective mode of a solid thermal package by utilizing off-peak power. By Duan et al. Development of an optical thermal history sensor based on the oxidation of divalent rare earth ion phosphor. By Yanez-Gonzalez et al. Measurement and Simulation of Low Temperature Packed Bed Regenerators. By Pike-Wilson et al. Variable Conductance Heat Pipes for Managing Thermal Stores By Hislop et al. Nanofluids for Heat Transfer Applications. By Rudyak et al.

^{*} These are poster-only contributions

	14:55	-	14:57	AP14	An experimental study of rotational pressure loss in rotor ducts. By Chong et al.
	14:58	-	15:00	AP15	The Effect of the Inclination Angle on Heat Transfer Performance in Back-ward Facing Step Utilizing Nanofluid. By Etaig et al.
Amuliantiana	15:01	-	15:03	AP16/17*	Characterization of the Corona Discharge for Ionic Wind Heat Transfer Enhancement in Internal Flow Channels. By Gallandat et al.
Applications	15:04	-	15:06	AP18	Novel Heat Transfer using Solid Phase Transport Medium. By Alexander.
Session Chair:	15:07	-	15:09	AP19	Dynamic Testing and Modelling of Solar Collectors. By Guarracino et al.
J. Christy	15:10	-	15:12	AP20	A Self-Pumped Heat-Exchanger for Wave-Powered Desalination. By Hellenschmidt et al.
·	15:13	-	15:15	AP21	Analysis and Experiment on Forced Convection Heat Transfer Coefficient and Pressure Drop of Diamond-Shaped Fin-Array. By Hirasawa et al.
Break	15:15	-	15:45	Coffee Break	+ Poster Viewing
Keynote4	15:45	-	16:15	Keynote 4	Prof. Joe Quarini (University of Bristol, UK): Ice slurries, the cool, benevolent bringers of sustainable clean living
	16:16	-	16:18	AP22	The imitation of the surface temperature variation characteristics of concrete road under periodical ambient conditions. By Ye et al.
	16:19	-	16:21	AP23	Improving the operation of a geothermal district heating network through the use of a heat storage tank. By Kyriakis
	16:22	-	16:24	AP24/25*	Sensitivity Analysis of a Capillary Pulsating Heat Pipe: Influence of the Tube Characteristics. By Manzoni et al.
	16:25	-	16:27	AP26	Effect of Hydraulic Diameter and Aspect Ratio on Single Phase Flow and Heat Transfer in a Rectangular Microchannel. By Sahar et al.
	16:28	-	16:30	AP27	Influence of the microstructure on the transport phenomena on horizontal tubes. By Tomforde et al.
	16:31	-	16:33	AP28	Development of a Solar Cooling System Based on a Fluid Piston Convertor. By Mahkamov et al.
	16:34	-	16:36	AP29	Performance Evaluation of Room Temperature Magnetic Refrigerator Using Corrugated Plate Regenerator. By Kamran et al.
16:15-17:15	16:37	-	16:39	AP30	Heat Exchanger Analysis of Azeotropes in Organic Rankine Cycles. By Kirmse et al.
Poster	16:40	-	16:42	AP31/32*	Parametric Design Study of Vacuum Glazed Windows. By Ali et al.
Presentations	16:43	-	16:45	AP33	Turbulent heat transfer between two horizontal planes under inherently stable and unstable conditions. By Jackson et al.
Applications	16:46	-	16:48	AP34	Measuring the Heat Transfer Coefficient in a Direct Oil-Cooled Electrical Machine with Segmented Stator. By Camilleri et al.
Session Chair:	16:49	-	16:51	AP35	Run-around Coils for Energy Efficiency. By Bentham et al.
K. Sefiane	16:52	-	16:54	AP36	Temperature Dependence of Energy Band Gaps In Triple Junction Solar Cell. By Maka et al.
-	16:55	-	16:57	AP37	Penetrative convection in a unit aspect ratio enclosure heated by absorption of radiation. By Amber et al.
	16:58	-	17:00	AP38/39*	Exp and num. investigation on Natural Convection in Horizontal Channels Partially Filled with Aluminium Foam and Heated from Below. By Buonomo et al.
	17:01	-	17:03	AP40	Comparison of temperature and acoustic monitoring of ice pig passage. By Lucas et al.
	17:04	-	17:06	AP41	Feasibility Analysis of Molten-Salt Direct Reactor Auxiliary Cooling System. By Le Brun et al.
	17:07	-	17:09	AP42	III-V multi-junction cell temperature prediction under concentration and realistic atmospheric conditions. By Theristis et al.
	17:10	-	17:12	AP43	Identifying Thermal Performance of Two Heat Exchangers for Thermoelectric Generators with CFD. By Li et al.
	17:13	-	17:15	AP44	Heat Transfer Enhancement Using Partly Porous Channelsby. By Nebbali et al.
	17:16	-	18:00	Poster Viewi	ng and Day 1 Announcements (Poster removal at 18:00)
	19:30			Dinner	

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Poster-Only Contributions, Monday 7th Sept 2015

Day 1: Monday, 7 th Sept 2015 (PO	STER-ONLY C	ONTRIBUTIONS)
	PC5*	CFD Modelling Of Low Pressure Evaporation. By Ahmad et al.
	PC6*	The effect of solid deposits on the wall temperature of a heated vessel boiling water at low pressure. By Elsaye et al.
9:30-12:30	PC29*	Effect of Dead Volumes on Single Closed Loop Pulsating Heat Pipes. By Creatini et al.
Phase Change Session Poster-Only Contributions	PC32*	Experimental study on in-tube convective condensation of inclined tubes in a single minichannel with HFE-7100 at low mass fluxes. By <i>Gallo</i> et al.
	PC36*	Numerical Simulation of a Sodium Thermosyphon. By Manzoni et al.
	PC42*	Numerical Simulation of Pool Boiling: The Effects of Initial Thermal Boundary Layer, Contact Angle and Wall Superheat. By Georgoulas et al.
	AP17*	Experimental Study of Ionic Wind Heat Transfer Enhancement in Rectangular, Vertical Channels. By Gallandat et al.
9:30-12:30	AP25*	Numerical Simulation of a Capillary Pulsating Heat Pipe in Various Gravity Conditions. By Manzoni et al.
Phase Change Session Poster-Only Contributions	AP32*	Experimental and numerical study on heat transfer and pressure loss in concentric tube heat exchanger with inserts placed on coolant side. <i>By Abbasi et al.</i>
	AP39*	Numerical Investigation on a Latent Thermal Energy Storage with Aluminum Foam. By Buonomo et al.

Next Page for Tuesday's (8th Sept 2015) Programme

^{*} These are poster-only contributions

Day 2: Tuesday, 8 th Sept 2015							
	07:30			Poster presenters set up their posters			
					Dr. Prashant Valluri (The University of Edinburgh, UK): Ultra-high resolution 3D direct numerical simulations for phase		
Keynote5	09:00	-	09:30	Keynote 5	change applications		
	09:30	-	09:32	M1	Modelling of Polymer Plate Heat Exchangers. By Wadekar		
	09:33	-	09:35	M2	A reduced numerical model for counter-current two-layer flows. By Lavalle et al.		
	09:36	-	09:38	M3	On the generation of nonlinear 3D interfacial waves in gas-liquid flows. By Naraigh et al.		
	09:39	-	09:41	M4	Heat transfer in falling liquid films at moderate Reynolds and high Peclet numbers. By Ruyer-Quil et al.		
	09:42	-	09:44	M5	Numercial investigation of a two stage travelling-wave thermoacoustic engine driven heat pump with a hybrid configuration. By Al-Kayiem.		
	09:45	-	09:47	M6	Fluid Flow & Heat Transfer Modelling of Adjacent Synthetic Jets. By Alimohammadi et al.		
	09:48	-	09:50	M7	Numerical simulation of Heat Transfer Investigation in New Cooling Schemes of a Stationary Blade Trailing Edge. By Beniaiche et al.		
9:30-10:30	09:51	-	09:53	M8	Radiation Effect on Thermal Boundary Layer Flow past a Stretching Plate with Variable Thermal Conductivity. By Ravins et al.		
Poster	09:54	-	09:56	M9	SPRS – A Passively Cooled Sellafield Store. By Moorcroft et al.		
Presentations	09:57	-	09:59	M10	Mixed Convection Boundary-Layer Flow near a Stagnation Point towards a Stretching/Shrinking surface in a Nanofluid. By Yacob et al.		
Modelling	10:00	1	10:02	M11	Numerical Study on Heat Transfer in Wavy Annular Gas-Liquid Flow. By Yang et al.		
Session Chair:	10:03	1	10:05	M12	Developing a scalable and flexible high-resolution DNS code for two-phase flows. By Bethune et al.		
Y. C. Lee	10:06	1	10:08	M13	ALE-FEM for two-phase flows with heat and mass transfer. By Anjos et al.		
	10:09	-	10:11	M14	Large Eddy & Interface Simulation (LEIS) of Disturbance Waves and Heat Transfer in Annular Flows. By Yang et al.		
	10:12	1	10:14	M15	Impact of Fouling on Thermodynamics Performance of Heat Exchanger: A Computational Fluid Dynamics Study. By Yang et al.		
	10:15	-	10:17	M16	Flow analysis in three-dimensional double-diffusive convection in an elongated porous enclosure. By Mimouni et al.		
	10:18	1	10:20	M17	Identification of a Position and Time Dependent Heat Flux Using the Unscented Kalman Filter in 3D Nonlinear Heat Conduction. By Pacheco et al.		
	10:21	1	10:23	M18	LSA of fingering in convective dissolution in porous media. By Lucena et al.		
	10:24	-	10:26	M19	Application of Adomian Decomposition Method for a Stepped Fin Space Radiator with Internal Heat Generation. By Singla et al.		
	10:27	-	10:29	M20	Heat Transfer Rate from Hydrogen to Tank Wall during Fast Refuelling Process. By Monde et al.		
Break	10:30 - 11:00		Coffee Brea	k + Poster Viewing			
Keynote6	11:00	-	11:30	Keynote 6	Dr. Francesco Coletti (Hexxcell Ltd, UK): Fouling – Is it Still the Major Unresolved Problem in Heat Transfer?		
11:30-12:30	11:30	-	11:32	M21	Simulation of Droplet Heated by Laser for PCR Application. By Wang et al.		
Poster	11:33	-	11:35	M22	Three dimensional simulation of a focused infrared laser heated droplet in microchannels. By Chen et al.		
Presentations	11:36	_	11:38	M23	A Computational Study of Thermal Losses in a Reciprocating Piston-Cylinder System. By Taleb et al.		
Modelling	11:39	-	11:41	M24	Numerical and Experimental Investigation of Pulsating Flow for Fabric Drying Application. By Zhao et al.		
Session Chair:	11:42	-	11:44	M25	Numerical Investigation on an Inclined Ventilated Roof with Different Exit Section. By Buonomo et al.		
P. Valluri	11:45	-	11:47	M26	A Comment on Modelling and Analysis of Plasma Gasification as an Emerging Technology for Waste to Energy. By Carpinlioglu et al.		
	11:48	-	11:50	M27	Preliminary CFD Analysis of Natural Convection Fuel Tubes in Molten Salt Nuclear Reactors. By Cioncolini et al.		

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	11:51	-	11:53	M28	A three-dimensional numerical model of free convection in a tilted porous cavity. By Guerrero et al.
11:30-12:30	11:54	-	11:56	M29	Simulating Heat and Mass Transfer in an Aggregate Dryer Using Coupled CFD and DEM. By Hobbs
Poster	11:57	-	11:59	M30	CFD Modelling of Thermal Management in Downhole Tools. By Hughes et al.
Presentations	12:00	-	12:02	M31	Solving Direct and Inverse Nonlinear Heat Conduction Problems by Means of Trefftz Functions and Kirchhoff Transformation. By Maciag
Modelling	12:03	-	12:05	M32	Modelling the Free-Surface Turbulent Flow and Heat Transfer in an Unbaffled Vessel Agitated by a Pitched Three-Blade Turbine. By Mahmud et al.
Session Chair:	12:06	-	12:08	M33	Modeling the effect of thermotherapy on the inner layer of the bladder. By Sadee et al.
P. Valluri	12:09	-	12:11	M34	Decoupling of thermo-physical properties of glycol-water mixtures: insight from nano-scale simulation. By Cannon et al.
UKHTC Ends	12:12	-	12:30	Closing Rem	narks
	12:30	-	13:45	Lunch Breal	c + Posters Switchover for invitation-only Thermapower event

UKHTC Conference Close & (Invitation-Only) THERMAPOWER (EU Funded) Session Begins

^{*} These are poster-only contributions