

**Thursday, 24th January 2019 – Energy Efficient Buildings & Thermal Energy Storage Systems**

## AGENDA

<b>8:30 - 9:00</b>	<b>ARRIVAL AND COFFEE</b>
<b>9:00 - 9:15</b>	<b>Introduction to the workshop</b> Zafer Ure, PCM Products - UK
<b>9:15 - 9:45</b>	<b>Introduction to the world Society of Sustainable Energy Technologies</b> Prof. Saffa Riffat, President
<b>9:45 - 10:00</b>	<b>The TESSE2b project: Thermal energy storage systems for energy efficient buildings</b> Assist. Prof. Luis Coelho, IPS - Portugal
<b>10:00 - 10:15</b>	<b>Phase change materials (PCMs) for renewable heating and cooling</b> Sam Gledhill, PCM Products - UK
<b>10:15 - 10:30</b>	<b>Innovative composite smart materials for heating, cooling and humidity control in buildings</b> Dr. Ziwei Chen, University of Nottingham - UK
<b>10:30 - 10:45</b>	<b>Ericsson cycle mCHP and heat pump system development</b> Chris Benson, University of Nottingham - UK
<b>10:45 - 11:00</b>	<b>Enhanced geothermal BHEs with PCMs</b> Prepared by Heiko Gaich, GEOTEAM - Austria; Presented by Adam Dicken, PCM Products - UK
<b>11:00 - 11:15</b>	<b>COFFEE BREAK</b>
<b>11:15 - 12:00</b>	<b>Best practices: Demonstration of the TESSE2b system in three demsites</b> Aniol Esquerra, Ecoserveis - Spain; Zenon Chrysanthou, Z&X - Cyprus
<b>12:00 - 12:15</b>	<b>Exploitation of Research Results and transfer to market</b> Dr. Olympia Polyzou, CRES - Greece
<b>12:15 - 12:45</b>	<b>Panel session</b>
<b>12:45 - 13:00</b>	<b>Heat exchangers and their role in future buildings</b> Paul Kerby, P.A.K Engineering - UK
<b>13:00 - 13:15</b>	<b>SCORES Project: Self consumption of renewable energy by hybrid storage systems</b> Assist. Prof. Luis Coelho, IPS - Portugal
<b>13:15 - 14:30</b>	<b>LUNCH</b>
<b>14:30 - 14:45</b>	<b>An introduction to the THERMOSS project</b> Federica Fuligni, Exergy - UK
<b>14:45 - 15:00</b>	<b>Solar applications for renewable developments</b> Kitty Cunningham, Geo Green Power - UK
<b>15:00 - 15:15</b>	<b>The SWS Heating project for developing a seasonal thermal energy storage unit</b> Adam Dicken, PCM Products - UK
<b>15:15 - 16:15</b>	<b>Guided tour of Creative Energy Homes with coffee break</b>
<b>16:15 - 18:00</b>	<b>B2B sessions on:</b> <b>PCMs and their applications</b> <b>Business-economics &amp; marketing</b> <b>HVAC systems based on thermal energy storage</b> <b>Current state of research and innovation for renewable technologies</b>
<b>18:00</b>	<b>End of Workshop</b>