

**May 28<sup>th</sup> 2018****PRESENTATION PROGRAM**

<b>TIME</b>	<b>WG</b>	<b>Authors</b>	<b>Title</b>
11:00 - 11:10	1, 3	Anagnostopoulos, Argyrios	Wetting of Molten NaNO <sub>3</sub> on MgO, Molten NaNO <sub>3</sub> - SiO <sub>2</sub> nanofluid. Thermal energy storage through molecular dynamic simulations
11:10 - 11:20	1, 3, 4	Agresti, Filippo	HNO <sub>3</sub> oxidation of Single Wall Carbon Nanohorns for the production of surfactant free black nanofluids
11:20 - 11:30	1	Carlos A. Nieto de Castro	Thermal Conductivity of Ionic Melts and Nanofluids - Where we are
11:30 - 11:40	1	Manca, Oronzio	Heat transfer enhancement by impinging slot jets with nanofluids in channels with and without metal foams
11:40 - 11:50	3	Navarrete, Nuria	Characterization Of Nano-Encapsulated Metal Alloy Phase Change Materials For A Molten Salt-Based Nanofluid
11:50 - 12:00	3	Udayashankar, Nithiyantham	Corrosion properties of nanofluids based on molten nitrate salts for thermal energy storage applications
12:00 - 12:10	3	Barison, Simona	Design and Characterization of Phase Change Material Nanoemulsions as Thermal Energy Storage and Transport Media
12:10 - 12:20	3	Marcos, Marco A.	Gold-silica core-shell nanoparticle dispersions in PEG400 as stable phase change materials for thermal energy storage
12:20 - 12:30	3	Awad, Afrah	Heat transfer study of nanosalt for solar energy storage
12:30 - 12:40	3	Farber, Peter	Progress Report about Two-phase CFD Simulations of a Heat Storage Device with Nanofluid
12:40 - 12:50	3	Iglesias, Jose	Thermal performance of organic phase change material in the presence of graphene nanoplatelets.
12:50 - 13:00	3	Xiao, Xin	Morphologies and thermal characterization on nanoparticle-seeded salt enhanced by metal foam
13:00 - 13:10	3	Valdesueiro, David	Tailoring the properties of Nanoparticles by ALD Nanocoatings
13:10 - 13:30		<b>Open discussion</b>	<b>WG1 and WG3</b>
<b>13:30 - 15:00</b>		<b>LUNCH BREAK</b>	
15:00 - 15:10	2	Manca, Oronzio	Heat transfer enhancement in automotive cooling circuits by nanofluids

15:10 - 15:20	2	Vallejo, Javier P.	Heat transfer efficiency in a double pipe heat exchanger of functionalized graphene nanoplatelets/glycolated water nanofluids
15:20 - 15:30	2	Antonis, Sergis	Isothermal analysis of Nanofluid Flow inside HyperVaportrons using Particle Image Velocimetry
15:30 - 15:40	2, 3, 4	García, Fran	Analysis of the Thermal Signature of Wind-turbine Generators: implications for their main Operative Parameters and future application of nanofluids
15:40 - 15:50	2	Al-Yasiri, Mortatha	Gr-Al <sub>2</sub> O <sub>3</sub> Hybrid Nanoparticles based Multi-Functional Drilling Fluid
15:50 - 16:00	2, 3	Murshed, Sohel	A Benchmark Study on Heat Capacity of Nanofluids and Nanosalts
16:00 - 16:30	<b>Break</b>		
16:30 - 16:40	4	Wlazlak, Agnieszka	Characterization of graphene oxide nanofluids
16:40 - 16:50	4	Çetin, Levent	A Proposal for Thermal Conductivity Measurements of Magnetic Nanofluids Under the Influence of External Magnetic Field
16:50 - 17:00	4	Çobanoğlu, Nur	Wettability Behaviour of Nanofluids
17:00 - 17:10	4	Mancin, Simone	THE EFFECT OF OXIDIZED CARBON NANOHORN NANOFLUID POOL BOILING ON AN ALUMINUM SURFACE
17:10 - 17:20	4	Tibaut, Jan	Numerical simulation of a nanofluid in a pipe flow
17:20 - 17:30	4	Martínez, Raúl	CFD modelling of volumetric vapour generation and its applications to the receiver design
17:30 - 17:40	4	S. Kassavetis	Plasmonic Nanofluids for Solar Cells Applications
17:40 - 17:50	4	Nardini, Sergio	Performance evaluation of a solar cooling system with nanofluids
17:50 - 18:00	4	Navas, Javier	Towards highly stable nanofluids for Concentrating Solar Power
18:00 - 18:10	4	Buschmann, Matthias	Round robin test for surface tension and contact angle of nanofluids
18:10 - 18:30	<b>Open discussion</b>		<b>WG3 and WG4</b>