

Time	THURSDAY, 23.6.2016				
08:30- 09:15	<p align="center"><b>Keynote Lecture</b> (Emerald)  <b>Özer Arnas:</b> <i>Correct Use of Thermodynamics</i></p>				
	EMERALD 1	EMERALD 2	MEDITERANEA 1	ADRIA 1	MEDITERANEA 2
	<b>Exergy based methods and thermo-economic analysis &amp; optimization</b>	<b>ORC</b>	<b>Power generation and CHP with RENEWABLES and WASTE</b>	<b>Fuel Cells</b>	<b>Energy Storage (thermal, electric, hydrogen, alternatives)</b>
09:25-11:05	<b>Mauro Reini:</b> Application of the Mixed Integer Linearized Exergoeconomic (MILE) method with evolutionary optimization to a CHP and DH	<b>Adriano Desideri:</b> <i>Steady-state and dynamic modeling of a 1 MWel commercial waste heat recovery ORC power plant</i>	<b>Luca Migliari:</b> <i>Capability of a small size CSP plant to provide dispatch power</i>	<b>Jarek Milewski:</b> <i>Influence of talc dust impurities in the MCFC cathode inlet gas mixture</i>	<b>Sarah Hamdy:</b> <i>Evaluation of cryogenics-based energy storage concepts</i>
	<b>Mauro Reini:</b> Exergy analysis with variable ambient conditions	<b>Olivier Dumont:</b> <i>Energy performance and economic evaluation of heat pump/organic Rankine cycle system with sensible thermal storage</i>	<b>Mario Petrollese:</b> <i>Techno-economic analysis of a hybrid CSP-CPV power plant</i>	<b>Mitja Mori:</b> <i>LCA study of the Fuel Cell based UPS in manufacturing and operational phase</i>	<b>Sergio Balderrama:</b> <i>Techno-economic optimization of isolate micro-grids including PV and Li-Ion Batteries in the Bolivian context</i>
	<b>Izabela Henriques:</b> Exergy destroyed in the arteries due to stenosis	<b>Davide Ziviani:</b> <i>Organic Rankine cycle modeling and the ORCmKit library: analysis of R1234ze(Z) as drop-in working fluid replacement of R245fa for low-grade waste heat recovery</i>	<b>A. Medina:</b> <i>Thermodynamic Model of a Hybrid Brayton Thermosolar Plant</i>	<b>Andrej Lotrič:</b> <i>Conceptual Design of a Small Portable Heat Integrated Methanol Steam Reformer – High Temperature PEM Fuel Cell System</i>	<b>Piotr Krawczyk:</b> <i>Comparative energy and exergy analysis of compressed air energy storage and liquid air energy storage systems</i>
	<b>Saeed Sayadi:</b> <i>A New Approach for Applying Dynamic Exergy Analysis and Exergoeconomics to a Building Envelope</i>	<b>Christoph Kirmse:</b> <i>Performance of working-fluid mixtures in an ORC-CHP system for waste-heat recovery</i>	<b>Yury Koshlich:</b> <i>Automated Dispatch Control System Of Thermal Solar Power Plant</i>	<b>Shivom Sharma:</b> <i>Multi-objective Optimization of Solid Oxide Fuel Cell–Gas Turbine Hybrid Cycle and Uncertainty Analysis</i>	<b>Lauren Farcot:</b> <i>Numerical investigation of a continuous thermochemical heat storage reactor</i>
		<b>Martina Ciani Bassetti:</b> <i>Thermal decline mitigation in a geothermal plant by hybridization with a concentrating solar power system</i>	<b>Daniel Tavares:</b> <i>Energy Opportunities in a Tyre Plant</i>		
11:05-11:25	Coffee Break				

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	EMERALD 1	EMERALD 2	MEDITERANEA 1	MEDITERANEA 2	ADRIA 1
	District energy systems & Smart Cities	Combined Power generation and CHP with RENEWABLES and WASTE and Nonbiomass RENEWABLE thermal systems	Engines, furnaces & boilers, combustion/gasification	Biomass/biofuels; biorefinery concepts; waste-to-energy	Basic & applied thermodynamics
11:25-12:25	<i>Elisa Guelpa: Thermal load peak shaving in district heating systems through optimization of users request</i>	<i>Feng Liu: Thermodynamic performances on typical days of a steam generation system with a solar assisted absorption heat transformer</i>	<i>Sergio Rech: Quasi-dimensional model of an optically accessible spark ignition engine</i>	<i>Urban Žvar Baškovič: Feasibility analysis of 100% tire pyrolysis oil in a common rail Diesel engine</i>	<i>Mathilde Blaise: Optimization of an irreversible Carnot engine with a changing phase working fluid</i>
	<i>Stefano Coss: Industrial waste heat integration for providing energy service to district heating networks</i>	<i>Matteo Bortolato: Nanofluids application in direct absorption solar collectors: review and numerical model</i>	<i>Dino Ricci: Process simulation of an air cooled gas turbine blade</i>	<i>Tomas Mora: Finite rate reaction mechanism adapted for modeling and simulation of pseudo-equilibrium cellulose pyrolysis</i>	<i>Mathilde Blaise: New results concerning optimization of Carnot engine</i>
	<i>Daniel Woldemariam: District heating-driven membrane distillation in industrial-scale bioethanol production: Techno economic study</i>	<i>Rok Stropnik: Connecting Individual Residential Hydrogen CHP Energy Systems With Renewables Into Different Sized Grids</i>	<i>Massimiliano Zito: Design and CFD analysis of a Curtis turbine stage</i>	<i>Francesco Desogus: Setup of an experimental system to study the gas phase kinetics in pyrolysis processing</i>	<i>Romain Privat: 10 years with the PPR78 model: capabilities and limitations of predictive cubic equations of state involving classical mixing rules</i>
12:30-13:15	<b>Closing Session and Welcome to ECOS 2017 (Emerald)</b>				
13:15-14:30	<b>Lunch Break</b>				