

ICTEA2006 Conference – List of submitted Papers (Under Review)

No	Paper title
1	Effect of Pouring Temperature on Mechanical Properties of SiC reinforced Aluminium-Matrix Composite M. A. Malequea *, P. V. Brevernb, and A.S.M.A.Haseebc.
2	Enhancing Efficiency and Power Output of Gas Turbines Using Either Renewable Energy or Heat Recovery Cooling System. Adel E. M. Nasser*
3	Combustion Behavior of Briquettes from Oil Palm's Empty Fruit Bunch Adjar Pratoto
4	Experimental and Simulation Studies of Combustion of Blended Fuel Oil for use in Industrial Gas Turbines Ahmad Hussaina, Farid Nasir Ania, Zainul A. Mamatb, Zulfadhly Zardib and Abdul Azizc
5	Optical Performance of Combined Parabolic and v-trough Solar Collector (part i: analyses) a.n. al-turki* and a.s.hegazy**
6	optical performance of combined parabolic and v-trough solar collector (part ii: results) A.N. al-turki* and A.S.hegazy**
7	operating parameters selection of solar parabolictrough collector for direct steam generation used in salt water desalination Ahmed s. Hegazy* and Mohamed m. El-madany**
8	Modeling the Performance of Thermal Recovery Techniques on a Heavy Oil Deposit in the Middle East Ali Al-Shatti, Meshal Al-Gharaib & Ridha Gharbi
9	Nodal Method Modeling of Temperature distribution in solarmodule A.Benatiallah, , L. Kadi, R.Mostefaoui* B.Dakyo**,
10	Numerical and Analytical Modeling of Mass Transfer from a Rotating Disk to a Bingham Fluid A. A. Rashidaa , D. J. Bergstroma, and R.J. Sumner b
11	Thermal Stability in a Newly Designed Columnar-Conical Fluidized Bed for Combustion of Rice Husk M. Rozainee, Arshad A. Salema*, S. P. Ngo, Guee Boon Chye
12	Mathematical Modeling Of A Hot Box-Type Solar Cooker: Cooking Vessel With Central Annular Cavity Avala. Raji Reddy*, A.V.Narasimha Rao1
13	A 3-D Temperature Distribution of Various Types of Metal Hydrides Ayoub Kazim 1,*, Peter Lund2
14	Performance Analysis of Heat Pipe Solar Collector Having Different Pitch Distance B.Sivaramana and Dr.N.Krishna Mohanb
15	Performance Improvement for 4 Strokes Motorcycle Engine by Modifying Exhaust System With cfd and Chassis Dyno Bambang Sugiarto, Mohamad Rig Patra Putra & andri irwansyah
16	Combustion of Diesel and Kerosene in a Water Jacketed Horizontal Cylinder Combustion Unit B. A. Akash*

17	Numerical Model of a Solid Adsorption Solar Refrigerator W. Chekirou, N. Boukheit, T. Kerbache
18	No Emission from a Fluidized bed Combustor Burning Liquid Fuels "Modeling and MeasureMents" Okasha, F.
19	Analytical solution of the unsteady heat conduction in two-layered material within imperfect thermal contact Hamid BELGHAZI*, Mohammed EL GANAOUI, Jean-Claude LABBE
20	Numerical investigation of laser driven silicon nanopowder synthesis reactor AMARA Mohamed a,b, EL GANAOUI Mohammed b,
21	UNSTEADY heat transfer under phase change in a heterogeneous sample M. Bouneder a,b, M. El Ganaouia, P. Fauchaisa , J. P.Bonnetc
22	Recycling of PV Wafers by Thermal Processing Gerd Walter a, Thomas Meyer b, Karsten Wambach c, Wolfgang Heschel d, Heiko Anger e
23	Developement of Correlation for the Calculation of Heat in the Primary Reformer (Furnace of the Ammonia Industry) Rabah GOMRI *, Mourad BOUMAZA
24	A study of diesel-hydrogen fuel exhaust emissions in a compression ignition engine/generator assembly Vishy Karri a, Hafez A. Hafez b,*, Jeppe Funk Kirkegaard c
25	Numerical Investigation of Heat Transfer and Magnetization Losses in Active Magnetic Regenerator Jonathan Bouchard a, Hakim Nesreddine b, *, Richard Chahine c
26	The Drainage and Rupture of Film Between Two Interacting Drops in Simple Shear Flow Due to Hydrodynamic and van der Waals Forces Hasan A. Mousa
27	Local Heat Transfer Measurements in Microtubes Using Liquid Crystal Thermography Roland Muwanga a and Ibrahim Hassan b, *
28	Thermoelectric generations in waste heat recovery applications Jamil Ghojel
29	Heat release and emission characteristics of water oil emulsion in direct injection diesel engine Jamil Ghojel, Damon Honnery &Khaled Al-Khaleefi
30	Generalized thermal transport coefficients for low-dimensional systems JAN SACZUK
31	Transient heating of a bio-oil droplet within the pre-explosion stage Models, scaling and search for appropriate explosion criteria J. Y. Hristova*, V. Stamatovb*,
32	+Study and Optimisation of Thermo-Physical Parameters for a Solar-Still Performance Prof. Abdenacer KAABI* & Halima ZAIDI*
33	NOx Emission from Post-Explosion Combustion of a Bi-Component Fuel Droplet Venelin A. Stamatov a, Keith D. King b *
34	Basic Viscoelastic Fluid Flow Problems Using Jeffreys Model A. F. Khadrawi

35	Anisotropy Effects on Transient Conductive Convective and Radiative Transfer in a Vertical Channel Filled with a Saturated Porous Medium K. Slimi a, *, A. Mhimid b, A. A. Mohamad c
36	Entropy Generation Enhancement due to Radiative Transfer Within a Vertical Channel Filled with a Semi-Transparent Porous Medium K. Slimi *
37	Entropy Generation Calculations for Unsteady Conduction, Convection and Radiation Within a Tilted Saturated Porous Channel K. Slimi *
38	Initial conditions analysis of turbulent flow in an ejector of frigorific machine. khetib yacine
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42	Parametric Design of Air Powered Car (Innovative) T. Mahesh sundar ¹ , B. Pranesh kumar ¹ , R. Suresh ¹
43	Influence of Various Parameters on the Formation of Nitric Oxide (NO) in Spark Ignition Engines Tayeb Ouksela, Mahfoud Kadjab*, Abdelaziz Chelghouma
44	Low Energy Building Mahmoud Aly Hassan
45	An Approach to Hospital Operating Room HVAC System Design. Mahmoud Fouad*, Ghada El-Sawah**, Tamer Hendawi ***
46	Smoke Management System Design in Buildings with Atrium Using Computer Model Mahmoud Fouad*, Ghada El-Sawah**, Osama Abbas ***
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