

SCIENTIFIC COMMITTEE

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Conf. Mugurel BURCIU
Conf. Cristian IOSIFESCU
S.l. Ionel OPREA
As. Spiru PARASCHIV

PROGRAM

JOI, 3 Noiembrie

17⁰⁰ – 19⁰⁰ - Primirea invitațiilor la sediul Facultății de Mecanică – Corp G

VINERI, 4 Noiembrie

09⁰⁰ – 10³⁰ – Primirea invitațiilor la sediul Facultății de Mecanică – Corp G

10³⁰ – Deschiderea lucrărilor Conferinței Internaționale MET IME 2011

10³⁰ – 11³⁰ – Expoziție standuri de profil – Corp G

11³⁰ – 13³⁰ – Susținerea lucrărilor conferinței – Sesiunea A – Corp G

13³⁰ – 15³⁰ – Masa colegială

16⁰⁰ – 19⁰⁰ – Susținerea lucrărilor conferinței – Sesiunea B – Corp G

University "Dunărea de Jos" of Galați

Mechanical Engineering Faculty
Thermal Systems and Environmental
Engineering Department
Research Center „METIME”



THERMAL SCIENCE
SOCIETIES FROM
ROMANIA



4th International Conference on Thermal Engines and Environmental Engineering

MET IME

November 3-4, 2011
Galati, Romania

Lucrările conferinței

Sesiunea A

1. Alexandru CHISACOF, Sorin DIMITRIU, Cristian DRAGOSTIN - Temperature field from free two phase jet using infrared equipment
2. Corina BĂLAN, Victor POPOVICI, Gheorghe POPESCU, Marcela PĂTĂRLĂGEANU - Calculation of temperature distribution on a surface heated by a radiant tube
3. Manuela Elena GEORGESCU, Ion IORDACHE, Elena POP - Analytical determination of the universal function of velocity distribution of a plane turbulent wake
4. Lucian MIHAESCU, Tudor PRISECARU, Manuela Elena GEORGESCU, Gheorghe LĂZĂROIU, Ion OPREA, Ionel PĂȘĂ, Gabriel NEGREANU, Elena POP, Viorel BERBECE - Construction and testing of a 600 kW burner for sawdust in suspension
5. Sorin DIMITRIU - Water vapours heat pump for the use of low enthalpy geothermal resources
6. Mădălina Teodora NICHITA, Anica ILIE, Florea CHIRIAC, Viorel POPA - Numerical modeling of binary ice generator
7. Ruxandra CRUTESCU - New environment friendly ecological buildings
8. József FAZAKAS, Réka BARABÁS, Ildikó BARTALIS, Zsuzsanna TURÓCZY, Enikő FAZAKAS - Composite materials from red mud (wastes)
9. Mihai-Cristi CEACARU, Alexandru DUMITRESCU, Viorel BADESCU - Use of satellite data to compute available solar radiation in remote and rural area
10. Alexandru RACOVITZĂ, Laurențiu FARA, Gheorghe NICULAE, Iulian VOICU - On the efficiency of bioethanol obtaining methods and on its further use
11. Diana Mura BADEA, Gabriel VLADUT, Doina BUCUR, Sorin KOSTRAKIEVICI, Luminita VOICULESCU, Mihail BOIANGIU, Dumitru VLAD, Tudor Dragos GUTA, Constantin PETRE, Valentina BAJENARU, Irina ENE - Intelligent and autonomous equipment used in the removal of snow on secondary access roads in the urban environment
12. Valentina BĂJENARU, Dumitru VLAD, Constantin Adrian IORDACHE - Analytical approach of elastic elements type bourdon tub behavior using the strain-gauge technologies for engine applications
13. Grigore CICAN - The study of the jet noise

Lucrările conferinței

Sesiunea B

1. Cristian IOSIFESCU, Constantin IOSIFESCU, Sorinel TOFAN - Studiul unui turn de răcire umed în contra-curent. partea I: studiul funcționării
2. Sorinel TOFAN, Cristian IOSIFESCU, Constantin IOSIFESCU - Studiul unui turn de răcire umed în contra-curent. partea a II-a: analiza exergetică
3. Silviu VLASIE - The integral transform technique to solve heat conduction problem with cylindrical symmetry
4. Marcel DRAGAN, Tanase PANAIT, Krisztina UZUNEANU, Gelu COMAN - Trigenenerative plant with organic Rankine cycle
5. Valeria MIRON - Management for energetical purposes of the recovering energetical resources with low thermal potential
6. Nicusor VATACHI, Spiru PARASCHIV, Ion C. IONITA - The energetics and the stoichiometric combustion equations
7. Valeriu DAMIAN, Cristian IOSIFESCU, Gelu COMAN - Freezing method for raspberries and blueberries using liquid nitrogen
8. Ionel OPREA - Multicriteria analysis of refrigerant geothermal heat pumps
9. Gelu COMAN, Tănase PANAIT, Marcel DRĂGAN - Theoretical research concerning the temperature field inside an artificial skating rink
10. Simona Lizica PARASCHIV, Ion V. ION, Ion C. IONITA - Environmental quality certificate
11. Gina G. ROLEA, Florin POPESCU, Ion ION - Simulation of agricultural residues gasification
12. Daniela TASMA, Jorge MARTINS, Tănase PANAIT, Krisztina UZUNEANU, Cătălin MOCANU - Environmental impact of biofuels utilization
13. Mihail VETROV, Carmen Mihaela VETROV - The method about out door air infiltrates to the indoor space
14. Dan SCARPETE, Marinela GHEORGHE - Diesel-water emulsion in diesel engines. A review
15. Alexandrina TEODORU, Tănase PANAIT, Krisztina UZUNEANU, Daniela TASMA, Cătălin MOCANU - About orientation of solar collectors