

ICAMEM2010 TECHNICAL PROGRAM

Saturday, 18/12/2010			Sunday, 19/12/2010			Monday, 20/12/2010											
8:00	Registration		07:00	Breakfast			07:00	Breakfast									
9:30	Keynote Lecture 1		08:30	Keynote Lecture 4-1	Keynote Lecture 4-2	08:30	Keynote Lecture 7										
10:00	Keynote Lecture 2		09:00	S41	S42	S43	S44	S45	S46	09:00	Keynote Lecture 8						
10:30	Coffee Break		10:20	Coffee Break			09:30	Keynote Lecture 9-1		Keynote Lecture 9-2							
11:00	S11	S12	10:50	Keynote Lecture 5-1		Keynote Lecture 5-2		10:00	Coffee Break								
12:20	Lunch		11:20	S51	S52	S53	S54	S55	S56	10:30	S81	S82	S83	S84	S85	S86	
14:00	Keynote Lecture 3		13:00	Lunch			12:30	Closing									
14:30	S21	S22	14:30	Keynote Lecture 6-1		Keynote Lecture 6-2		12:50	Lunch								
16:30	Coffee Break and Poster Session		15:00	S61	S62	S63	S64	S65	S66								
17:10	Official Opening by Professor Refaat CHAABOUNI Secretary of State for Scientific Research		16:40	Coffee Break and Poster Session			17:20	S71	S72	S73	S74	S75	S76				
17:40	S31	S32	17:00	Dinner													
19:00																	
20:00	Conference Dinner animated by Musical Group Ettarab El-Arabi																

APME: Applied Mechanics
DESM: Design and Manufacturing
FLME: Fluid Mechanics
MATE: Materials
SYSD: System Dynamics
THSC: Thermal Sciences
NSF Workshop and Smart Structures
Biomechanics Special Session
Model Reduction Special Session

Detailed Technical Program (Poster Presentations)

Title	Paper Ref.	Authors	Country
Applied Mechanics (APME) Poster Papers			
Contribution to the study and simulation the behavior of masonry filling in seismic areas	APME03	Z DOUAISSIA M F HABITA	Algeria
Minimum cost design of r.c. Rectangular sections in bending under ultimate loads	APME20	F FEDGHOUCHE, B TILIOUINE	Algeria
Study the influence of geometric coefficient of resistance at contact in a cylindrical gear.	APME33	M ALLAOUA, A E K KALLOUCHE, E HADJADJ-OUEL	Algeria
Safe modelling of elastic wave propagation in prestressed helical waveguides	APME65	A FRIKHA, F TREYSSEDE, P CARTRAUD	France
Design and Manufacturing (DESM) Poster Papers			
Design of dynamic systems assets by multicriteria optimization	DESM13	W GUIZANI, F MILED	Tunisia
New design of shovel mechanism	DESM16	T DEKHMOCHE, E. HADJADJ	Algeria
Fluid Mechanics (APME) Poster Papers			
Numerical investigations of heat and mass transfer in porous reactive media	FLME07	A BOUSRI K BOUHADEF D AMEZIANI H BEJI	Algeria
3-d modeling of interaction jets with a compressible transverse flow.	FLME10	D CHERRARED, S BENMANSOUR, G MOMPEAN, R DIZENE	Algeria
Heat transfer in a porous channel subjected to a pulsating flow	FLME12	H KAHALERRAS, A TALABOULMA, L BOUBENDIR	Algeria
Impact of solid additives on liquid lubricants of internal combustion engines case of tin and lead	FLME15	S MLIK, S ATTYAOUI, H KHARROUBI	Tunisia
Multidimensional simulation of cavitating flow in diesel injectors & effect of the wall roughness	FLME16	F ECHOUCHENE H BELMABROUK	Tunisia
Hydrodynamics in two-dimensional minichannels	FLME35	E FILALI	Algeria
A numerical study on the electrically conducting fluid flow around obstacle under a magnetic field	FLME41	H FARJALLAH, S TURKI, H ABBASSI	Tunisia
Materials (MATE) Poster Papers			
Mechanical properties of tricalcium phosphate - fluorapatite - alumina bioceramics composites by brazilian test and nondestructive techniques	MATE14	N BOUSLAMA F BEN AYED, J BOUAZIZ	Tunisia
Survey of the dynamic behavior of an oil movie in a rolling to balls	MATE19	Y BENLALLI, A E HADJADJ, A YOUSFI, M AYAD	Algeria
Corrosion behaviour of dc magnetron sputtered fe1-xsix alloy films in 3, 5 wt % nacl solution	MATE26	M MOKHTARI, S TLILI, A SAKER, F GUENFOUD, N E BELIARDOUH	Algeria
Influence of two industrial wastes on the bituminous concrete performances	MATE37	S SAOULA, S HADDADI, K SOUDANI	Algeria
Determination by eddy current of titanium submitted to the stress	MATE46	S MAKHLOUF, M ZERGOUG, Y BENKEDDA	Algeria
Influence of the magnetic field on the tribological behavior of dry sliding contact XC48/XC48	MATE53	A HARKAT, A BOUCHOUCHA, H ZAIDI	Algeria
Ultrasonic investigation of stratified materials	MATE60	T TAHRAOUI, Y BOUMAÏZA, A BOUDOUR	Algeria
Comparative study of the behavior of a tensile semi crystalline polymers (HDPE80) and an amorphous polymer (solid PVC)	MATE67	N LADACI, A BELBAH	Algeria
Ceramics properties of kaolin from Tabelbala mine, Bechar, west Algeria	MATE79	K BOUMCHEDDA, M HAMIANE, A AYADI, F BOURBIA	Algeria
Effect of maleic anhydride grafted polypropylene on the compatibility of polypropylene/ pa6.6/clay nanoblends	MATE81	B KOUINI, A SERIER	Algeria
System and Dynamics (SYSD) Poster Papers			
Analysis and monitoring of defects in a gear system by vibration analysis	SYSD01	M AYAD, A E HADJADJ, Y BENLALLI	Algeria
New strategy of turbo-compressor maintenance	SYSD05	E HADJADJ, S BOURAS	Algeria
Thermal Science (THSC) Poster Papers			
Experimental investigation of the effect of compression ratio in a direct injection diesel engine on carbon monoxide emission	THSC06	A BENTEBBICHE, F BENZIANE, M AMALOU	Algeria
Transport properties in uniform shear flow: comparison between kinetic theory and direct simulation monte carlo.	THSC07	D OMEIRI, S HAMRELAINE, A NOUAR	Algeria
2d and 3d numerical studies applied in hawt dynamic stall simulation	THSC13	B NOURA, R DIZENE, S KHELLADI	Algeria
Incorporating phase change materials in buildings for reducing the cooling energy	THSC22	EL H BOUGUERRA, A HAMID, N RETIEL	Algeria
Efficiency of the condenser to porous bed of granite. Experimental study	THSC24	H M ANDRIANANTENAINA, B O RAMAMONJISOA, B ZEGHMATI	Madagascar
Numerical investigations of heat and flow in intercooler	THSC32	H DJEMEL, M BENSALAM, M BACCAR, M MESEDI	Tunisia
Modeling of heat transfer enhancement in corrugated channels	THSC47	R LANANI BENCHABI, M KADJA, F GACI	Algeria
Effect of the simple double glass and variation orientation on operating parameters of a solar still	THSC54	K HIDOURI, R BEN SLAMA, S GABSI	Tunisia