

**Topic B: Mechanical and Structural Analysis**

**10-12-2017**

**Poster Session**

**Time:15:40-16:10**

N°	ID	First name	Last Name	Titre	Observation
1	012	Abdelbaki	Chikh	An efficient theory to predict the deflexion of FGM plates under various loads	
2	031	Bachiri	Attia	Numerical Study on Lateral Torsional Buckling of High Steel Welded I-Section Beam	
3	034	Mohammed.A	Boumehraz	DURABILITE DES CONDUITES EN PRV SOUS L'EFFET DES SULFATES DES EAUX USEES DE OUARGLA - ALGERIE	
4	069	Ali	Benouis	3D FE analysis of the Elliptical Cracks emanating from interface in Orthopedic Cement of the THP	
5	073	Mohamed	Cherfi	Numerical modeling of a crack emanated from bony inclusion in the cement polymethylmethacrylat (PMMA) of total hip replacement under static loading	
6	081	Ahmed.A	Daikh	Thermoelastic Stability of Functionally Graded Plates with Variable Exponential Function	
7	098	Abdelhak	Nouri	The Impact of Europium Ions on the Structural of Eu:ZnO Nanostructures and its Localization in the Lattice	
8	101	Abdelkader	Amcha	Structural Study By X-Ray With HF Methods Of Organic Compound (C16H13ClO2)	
9	110	Souhia	Bouadjadja	Nonlinear Bending of a Cantilever Beam	
10	123	Linda	Aissani	The Thermal Treatment Effect on the Structural and Mechanical Properties of V-N Coatings	
11	127	Houssam.E	Khiouani	A comparison of Sector elements for circular curved structures analysis	
12	130	Khaled	Meliani	Comparative Study Of Composites Reinforced With Vegetable Fiber And Based On Carbon Nanotubes Of Different Corrugated Shapes	
13	137	Mohamed E.A	Ben Seghier	Study of the structural reliability of corroded pipeline using Separable Monte Carlo method	
14	148	Ahmed	Bakora	A Geometrically Nonlinear Theory For Postbuckling Analysis Of FGM Sandwich Plates With Tangential Edge Constraints	
15	165	Laid	Aminallah	Analysis Of The Effect Of Thermal Residual Stresses On The Performances Of Bonded Composite Repairs In Aircraft Structures	
16	170	Abdelkader	Daikh	J Integral Solution For Semi-Elliptical Crack in Polypropylene Pipes under Internal Pressure	
17	172	Farah	Lamara	Synthesis and Structural Characterization of the K2NiF4 Type of Structure	
18	174	Fellah	Mamoun	Investigation of new titanium alloy for biomedical application	
19	175	Fahima	Guerreb	Hot isostatic pressing (HIP) of $\alpha$ -Al2O3 submicron ceramics pressure less milled at different times: Improvement in mechanical properties for use in total hip arthroplasty (THA)	
20	186	Zouaoui	Satla	Vibration analysis of new type UAV drone wing	
21	187	Zengah	Sahnoun	Quantification of Fatigue Damage Under Random Loading of an Aluminum Alloy	
22	201	Mohamed	Bourada	A New Refined Theory For Buckling Analysis Of Functionally Graded Sandwich Structure	
23	202	Kouider	Benbine	Harmonic excitation of functionally graded material beam with Piezoelectric Actuators	
24	217	Messaoud	Baali	Damping of Multi-layered Beam Vibrations Using Viscoelastic Material	
25	229	Fethia	Bouaksa	Verification of Stress Intensity Factors Calculated by Numerical Simulation in Pipes	
26	236	Ali	Merdji	Numerical Study of Artificial Ligament Effect on Stress Absorption in Bone-Dental Implant Interface	
27	240	Abdelghani	Baltach	Numerical Analysis of the Effect of position and size of Crack on the Stress Intensity Factor (Case of Plates)	
28	251	Ali	Ouzeriat	Stick Slip of Loading History in Spherical Elastic Contact Interface	
29	260	Taki Eddine	Taouririt	Numerical simulation of bias-illumination stress effects on instability of the electrical properties of amorphous indium-tin-zinc-oxide thin film transistors (a-ITZO TFTs)	
30	272	Sara	Saada	Ab-initio Study of Mechanical Properties of Scandium Doped AlN	
31	276	Nouredine	DRIAS	Identification des Paramètres du Fluage des Matériaux Thermoplastiques	
32	282	Hossam	Djahara	Study of the Aeroelastic Properties of a Rocket Fins	