

The first International Conference on Energy, Thermofluids and Materials Engineering
1st ICETME 2021
18 – 20 December, 2021 (ONLINE Conference)

Program of the session

S9: Geomechanics and Geoengineering

Organizer: Prof. Dr. Ali Bouafia - University of Blida 1, Blida (Algeria)

S10: Civil and Structural Engineering

Organizers: Dr. Mahdi Abdeddaim - University of Biskra, Biskra (Algeria)

Dr. Said Elias - University of Iceland, Selfoss (Iceland)

Session Chairs:

Dr. Mahdi Abdeddaim - University of Biskra, Biskra (Algeria)

Prof. Dr. Adel Benchabane – University of Biskra (Algeria)

Google meet link of the oral session:

<https://meet.google.com/dbg-fubp-aqv>

Oral session: Monday 20th December 2021

[8:30 AM to 11:15 AM Algeria Time/ 13:30 to 16:15 BD Time]

Time	Session	Presenter	ID and Title
1 8:30am		Prof.Dr. Adel Benchabane University of Biskra	Opening Speech by the Conference Chair
2 8:45 am	S10	Dr. Pankaj Kumar National Institute of Technology Nagaland, India.	Invited Speaker Steel Concrete Composite Beams: An Overview
3 9:15 am	S10	Dr. Arnav Anuj Kasar Jaypee University of Information Technology, India.	Invited Speaker Steel Beam to Column Moment Connections

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4	9:45 am	S10	Dr. Subhan Ahmad Aligarh Muslim University, India	Invited Speaker Title: Shear transfer in thermally damaged reinforced concrete
5	9:30 am	S10	Mr. Almoutaz Bellah University of Tlemcen, BP 230, Tlemcen, Algeria	ID #92 Title: Numerical investigation of fully encased composite columns with web and flange shear connectors under cyclic loading. Al. Alsamawi, N. Boumechra, A. Almutawakel, E. Alkebsi, H. Basri, H. Charrak.
6	9:45 am	S10	Dr. AMMAR CHITER Ferhat Abbas University of Setif 1, Setif, Algeria	ID #119 Title: Dynamic forces transmissibility quantification from losses energy of damping materials
7	10:00 am	S10	Mr. Hamza Basri University of Tlemcen, BP230,Tlemcen, Algeria.	ID #121 Title: Steel tube thickness effect on the seismic dissipative performance of buckling-restrained brace. H. Basri, A. Ras, K. Hamdaoui, A. ALsamawi, H. Charrak
8	10:15 am	S10	Dr. Azeddine Chehat Djilali Bounaama University, Khemis-Miliana, Algeria	ID #293 Title: Analysis of cantilever concrete beams using applied element Method (AEM) Zamila Harichane , Youcef Merouane
9	10:30 am	S9	Mr. Hicham CHARRAK University of Tlemcen, Algeria	ID #71 Title: Numerical Analysis of Slope Stability during Rapid drawdown in an Earth Dam by Using Geoslope Software - Case study. H. Charrak , N. Smail, B. Rouissat, A. B. Alsamawi, H. Basri
10	10:45 am	S9	DRISS Abdelmoumen Aala Eddine University Hassiba Benbouali of Chlef, Algeria	ID #155 Title: Lime treatment of Algerian clay soils with high plasticity AAE. Driss, K. Harichane, M. Ghrici
11	11:00 am	S9	Amel BOUDIA Tahri Mohammed University Bechar, Algeria	ID #234 Title: Analysis of the Influence of Grain Size and its Distribution on the mechanical behaviour of Taghit sands Amel BOUDIA, Abdelmadjid BERGA

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Poster session: Monday 20th December 2021

[From 11:45AM to 12:15PM Algeria Time/ 16:45 to 17:15 BD Time]

Session	Presenter	ID, Title, Authors, Goggle Meet link
1 S10	Dr. NEHAR Kheira Camellia Ziane Achour University, Djelfa, Algeria	ID #43 Title: Reduction of the soft story effect by the use of hybrid connections (rigid / semi-rigid) K.C. NEHAR, A. Y. RAHMANI, S. H. BOUKHALKHAL, M. BADAOUI https://meet.google.com/dyh-xgpk-fex
2 S10	M.Zoubir CHATTI University of Djilali Bounaama Khemis Miliana, Algeria	ID #75 Title: A general approach for shear wave velocity estimation from well logs using Multiple Linear Regression and Artificial Neural Networks Z. CHATTI https://meet.google.com/tdk-gsct-zir
3 S10	Mokhtar Messaad University of Biskra	ID #85 Title: Soil-Fluid-Structure Interaction Applied To The Oued Fodda Dam M. Mokhtar, B. Messaoud, TB. Amina https://meet.google.com/hwb-vici-qdu
4 S10	Dr. Sifeddine Abderrahmani University of Tebessa	ID #219 Title: A Comparative Study between Displacement and Strain Based Formulated Finite Elements Applied to the Analysis of plane elasticity problems S. Abderrahmani https://meet.google.com/zvm-jmyx-snu
5 S10	Dr. Abdelmadjid SI SALEM University of Bejaia, Bejaia, Algeria	ID #249 Title: Nonlinear modelling of bilayer-composite beams externally strengthened with flexural and shear FRP-Jacket S. AIT TALEB, A. SI SALEM, L. BOUSSAA and K. AIT TAHAR https://meet.google.com/xtd-awin-xuy
6 S10	Dr. Mohamed El-hebib Guellil Hassiba Benbouali University of Chlef, Algeria	ID #291 Title: Effect of simplified correction methods for shear modulus and damping coefficient on the dynamic soil structure interaction Dr. Mohamed El-hebib Guellil https://meet.google.com/bda-qwai-bep
7 S9	Dr. Mehdi Missoum Benziane Hassiba Benbouali University of Chlef, Algeria	ID #139 Title: Potential of bio-treatment on the improvement of sandy soil shear strength parameters M. Missoum Benziane, N. Della, A. Boukeffoussa Elroul, S. Denine, H. Feknous https://meet.google.com/tzz-pprn-upn

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8 S9

Dr. Billal Sari Ahmed

University Hassiba Benbouali of Chlef,
Algeria

ID #149

Title: Predicting the strength and swelling properties of fly ash stabilised
problematic soils

B. Sari-Ahmed, M. Ghrici, H. Gadouri

<https://meet.google.com/xuw-rmrq-iqq>



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