

POSTER SCHEDULE - CILAMCE 2024

Data	Início	Fim	Sala	Código	Paper	Autores
12/11/2024	15:15	15:30	Tótem 1 - Foyer Térreo	2144530	Application of the Immersed Boundary Method in the Study of Two Tandem Cylinders	Ismar Mascarenhas de Carvalho Filho, Caio Lemos Peixoto Martins, Mylena Carvalho Silva, Andreia Aoyagui Nascimento
12/11/2024	15:15	15:30	Tótem 2 - Foyer Superior	5899923	Buckling of columns with top and distributed loading using Rayleigh's method: assessment of two cases of boundary conditions	Ana Paula Freitas Borges, Alexandre de Macêdo Wahrhaftig, Moshe Eisenberger
12/11/2024	15:15	15:30	Tótem 3 - Foyer Superior	2483912	HOOP: a Python software for homogenization of multiphase composite materials using object-oriented architecture	Rodrigo Mero Sarmiento da Silva, Carlos André Dos Santos Lima, Leonardo Melo de Medeiros
12/11/2024	15:30	15:45	Tótem 1 - Foyer Térreo	5961491	Application of the finite element method for analysis of the influence of dynamic loads on a machine foundation on piles	Joana Campos Rodrigues, Marco Aurélio Chaves Ferro
12/11/2024	15:30	15:45	Tótem 2 - Foyer Superior	4955250	Comparison between simplified and refined models for deflection in continuous reinforced concrete T-beams	Maria Clara Silveira Mello e Silva, Elisabeth Junges Laure
12/11/2024	15:30	15:45	Tótem 3 - Foyer Superior	9579591	Implementation of a convolutional network for detection of PPE in automotive repair services.	Álvaro Severo Marcus, Luiz Alberto Pinto, Gustavo Maia de Almeida, Amanda Santos Silva
12/11/2024	15:45	16:00	Tótem 1 - Foyer Térreo	1937995	Arc-shaped elements in 2D program of frames subjected to thermal loading	Letícia Amorim Melo, Fernanda Gabriella Batista Santos Oliveira, Luis Fernando Sampaio Soares
12/11/2024	15:45	16:00	Tótem 2 - Foyer Superior	2539195	Comparison of Operational Modal Analysis Methods for Aerospace Applications	Hugo Eduardo García Sosa, Cássio Buss Mainardes, Sergio Henrique da Silva Carneiro
12/11/2024	15:45	16:00	Tótem 3 - Foyer Superior	6123945	Implementation of Gaussian quadrature in Python program for grillages with curved elements	Ricardo José Almeida Rego, Lucas Trindade da Silva, Luis Fernando Sampaio Soares
12/11/2024	16:00	16:15	Tótem 1 - Foyer Térreo	8553378	Automatic Detection of Seafloor Bedforms for 3D Bathymetric Data	Larissa Marques Freguete, Luiz Alberto Pinto, Alex Cardos Bastos, GUSTAVO MAIA DE ALMEIDA
12/11/2024	16:00	16:15	Tótem 2 - Foyer Superior	2456982	Finite element method applied to plane frames	Filipe Matheus dos Santos Oliveira, Felipe Alexander Vargas Bazán, Marina Colins Micenas, Paulo César de Oliveira Queiroz, George Fernandes Azevedo
12/11/2024	16:00	16:15	Tótem 3 - Foyer Superior	9798986	Matrix structural analysis of beams on elastic supports: implementation in Python	Maysa Arouche Ribeiro Curvelo, Felipe Alexander Vargas Bazán, Jesaías Santos Silva, Paulo César de Oliveira Queiroz, George Fernandes Azevedo

POSTER SCHEDULE - CILAMCE 2024

Data	Início	Fim	Sala	Código	Paper	Autores
13/11/2024	15:15	15:30	Tótem 1 - Foyer Térreo	7931476	Numerical approximation of the Womersley problem in OpenFOAM.	Beatriz Cortez Rodriguez dos Santos, Amanda Sayuri Oizuni, Fábio Cunha Lofrano, Pablo Javier Blanco, Fernando Akira Kurokawa
13/11/2024	15:15	15:30	Tótem 2 - Foyer Superior	3771369	Numerical simulation in the wind action analyses in silos with a windbreak	Gabriel Fernandes Andrade, Marco Donisete de Campos
13/11/2024	15:15	15:30	Tótem 3 - Foyer Superior	4987535	Translational joint in a Finite Element Analysis program of 2D frames with straight and curved elements	David dos Santos Coimbra, Fernanda Gabriella Batista Santos Oliveira, Luis Fernando Sampaio Soares
13/11/2024	15:30	15:45	Tótem 1 - Foyer Térreo	3669254	Numerical investigation of wind loads on an industrial shed with rounded eaves with different height-width relationships	Leonardo Guimarães Teodoro Júnior, Marco Donisete de Campos
13/11/2024	15:30	15:45	Tótem 2 - Foyer Superior	7962770	Pre-processing for isogeometric analysis of laminated composites	Murilo Almeida Oliveira, Elias Saraiva Barroso
13/11/2024	15:30	15:45	Tótem 3 - Foyer Superior	1242482	Use of Computational Fluid Dynamics to investigate heat exchanges in Floating Solar Plate Systems	Hícaro Raffael Dionizio Silva, CAMILA OLIVEIRA DOS SANTOS BORGES, NUCCIA CARLA ARRUDA DE SOUSA
13/11/2024	15:45	16:00	Tótem 1 - Foyer Térreo	1976176	Numerical investigation the influence of solid and porous parapets on wind loads on low-rise buildings.	Cesar Felipe Gonzaga de Souza, Marco Donisete de Campos
13/11/2024	15:45	16:00	Tótem 2 - Foyer Superior	4164482	Reinterpretation of the Cross Method: Gauss-Seidel approximation for the solution of transverse dislocation	Daniel Gomes de Oliveira, Rafael Araújo de Sousa
13/11/2024	15:45	16:00	Tótem 3 - Foyer Superior	7546459	Validation of an in-house developed acquisition system using a commercial acquisition system and the theoretical model of a clamped beam	Vitor Frutuoso de Carvalho, Gustavo Fernandes Costa e Silva, Hugo Sakai Idagawa, Renato Ludwig Pilan
13/11/2024	16:00	16:15	Tótem 1 - Foyer Térreo	4617215	Practical Design of Cold-Formed Steel Sections by the Direct Strength Method	Luciano Barbosa dos Santos, Gilson Carvalho Filho, Wydem Lucas Elias dos Santos
13/11/2024	16:00	16:15	Tótem 2 - Foyer Superior	2818680	Study of Top of Cement Influence on APB Mitigation in High Pressure and High Temperature Wells	Antonio Peroba de Oliveira Teodoro, Catarina Nogueira de Araújo Fernandes, Gilberto Lucas Leandro dos Santos, Thiago Barbosa da Silva, William Wagner Matos Lira
13/11/2024	16:00	16:15	Tótem 3 - Foyer Superior	8212635	Advanced Computational Modeling with FVDAM for Homogenization of Reinforced Concrete Beams	Samuel Richard da Silva, Diego Souza Mendonça, Romildo dos Santos Escarpini Filho, Francisco Patrick Araújo Almeida, Kevin Tenório Lobo Martins

POSTER SCHEDULE - CILAMCE 2024

Data	Início	Fim	Sala	Código	Paper	Autores
14/11/2024	15:15	15:30	Tótem 1 - Foyer Térreo	9689532	Analysis of Soil-Structure Interaction in Raft Foundation Using Grid Analogy	Márcio Farias Italiano de Araújo, Christian Carneiro de Oliveira, João Carlos Cordeiro Barbirato
14/11/2024	15:15	15:30	Tótem 2 - Foyer Superior	1639781	Modeling of Creep Closure of Salt Rocks Drilled by Directional Wells	Carlos Mikael Alencar Tenorio, Catarina Nogueira de Araújo Fernandes, João Paulo Lima Santos, William Wagner Matos Lira, Themisson dos Santos Vasconcelos
14/11/2024	15:15	15:30	Tótem 3 - Foyer Superior	8556229	Effect of repair factors on multi-level optimization of maintenance planning for corroded pipelines considering different failure modes	Luam Sena Acosta, Álamo Ditarso Sousa Pessoa, Savanna Cristina Medeiros D'Aguiar, Paulo Fernando Silva Sousa, Silvana Maria Bastos Afonso da Silva
14/11/2024	15:30	15:45	Tótem 1 - Foyer Térreo	7847629	Numerical Modelling of Conductor Casing Settlement Using a Two-phase Model	Jamerson Braga de Omena, Mávylla Sandreya Correia Tenorio, Jennifer Mikaella Ferreira Melo, Beatriz Ramos Barboza, Jose Luis Gomes Marinho, João Paulo Lima Santos, Fabio Sawada Cutrim, Rafael Dias
14/11/2024	15:30	15:45	Tótem 2 - Foyer Superior	6539297	Comparative analysis of wellbore closure in salt rock formations considering primary creep	Elisama Quezia Silva Santos, Catarina Nogueira de Araújo Fernandes, William Wagner Matos Lira, João Paulo Lima Santos, Antônio Paulo Amâncio Ferro
14/11/2024	15:30	15:45	Tótem 3 - Foyer Superior	7313519	Assessment of Strategies for Numerical Modeling of the APB in Oil Wells	Gabriele Karolyne Melo Lins, Catarina N. A. Fernandes, Thiago B. da Silva, Gleide K. M. Lins, William W. M. Lira
14/11/2024	15:45	16:00	Tótem 1 - Foyer Térreo	9797610	Effect of proof loading on the fatigue life of mooring lines	Fábio José Coutinho da Silva Filho, Michele Agra de Lemos Martins, Evilly Raquel Henrique da Silveira, Eduardo Nobre Lages, Mauro Costa de Oliveira
14/11/2024	15:45	16:00	Tótem 2 - Foyer Superior	1919393	Assessment of the structural integrity of cement sheaths in oil wells.	Maria Clara de Lima Medeiros, Catarina Nogueira de Araújo, Thiago Barbosa da Silva, William Wagner Matos Lira
14/11/2024	15:45	16:00	Tótem 3 - Foyer Superior	5753244	Parametric Study of Pile Installation Using a Numerical Approach with Material Point Method	Nuno Henrique Albuquerque Pires, Jennifer Mikaella Ferreira Melo, Mávylla Sandreya Correia Tenorio, Beatriz Ramos Barboza, João Paulo Lima Santos, Fabio Sawada Cutrim, Rafael Dias