

Affiches | Posters – Colloque – 17 novembre 2023 – Université Concordia University

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- **Aftabiazar M., et Paultre P.** Université de Sherbrooke – *Implementation of substructure hybrid simulation to investigate inelastic higher-mode effects in RC structural walls*
- **Aldoum M., et Stathopoulos T.** Concordia University – *Wind Loads on Roofs of Buildings with Non-rectangular plans*
- **Amiri M., Annan, C.-D., et El Refai A.** Université Laval – *Analysis and design methods for the dynamic evaluation of lightweight aluminium bridge decks*
- **Amiri S., et Koboevic S.** Polytechnique Montréal – *On the necessary number of aftershocks for seismic collapse risk assessment of buildings*
- **Bazarchi E., Davaran A., et Lamarche C.-P.** Université de Sherbrooke – *Lateral seismic force distribution between gravity force-resisting steel modules and reinforced concrete shear walls*
- **Boye M., et Bouaanani N.** Polytechnique Montréal – *New added mass formulation for ice-covered reservoirs*
- **Chandra A., et Bagchi A.** Concordia University – *Effect of travelling fire on post-earthquake fire safety of steel structures*
- **Chehrazad S., Lamarche C.-P., Langlois S., Demers M., Mohebbi S., et Loignon A.** Université de Sherbrooke – *Experimental tests to evaluate the buckling behaviour of steel lattice transmission tower*
- **Cui S., et Maghoul P.** Polytechnique Montréal – *Intelligent Pile Foundation Characterization based on Guided Waves*
- **Dahboul S., Li L., Verma P., Dey P., et Boissonnade N.** Université Laval – *Behaviour and design of aluminium I-shapes by means of the Overall Interaction Concept*
- **Dallali E. G., Dey P., et Chouinard L.** Université Laval – *Comparative Evaluation of Walking Load Models for Dynamic Analysis of Lightweight Pedestrian Bridges*
- **Elmeligy O., AbdelRahman B., et Galal K.** Concordia University – *In-plane Cyclic Response of Slender Rectangular and Flanged Partially Grouted Reinforced Masonry Shear Walls Failing in Flexure*
- **Fasaeyan N., et Maghoul P.** Polytechnique Montréal – *Modeling of Permafrost Carbon Feedback Processes through Thermo-Hydro-Bio-Microbial-geoChemical Approaches*
- **Fouquet M., Duguay J., Litalien V., Pruneau A., Trudel M. et Lacey J.** Université de Sherbrooke – *Modélisation numérique bidimensionnelle de la glace de rivière en présence de ponts*
- **Freitas M., Léger P., et Bouaanani N.** Polytechnique Montréal – *Seismic Analysis of Concrete Gravity Dams with Contraction Joint Shear Keys Using a New Joint Element*
- **Gallardo R., Davis L., El-Assaly M., et Alhatabeh S.** McGill University – *Mechanical characterization of stone and brick units typical of Eastern Canada*
- **Ghalandarzadeh S., et Maghoul P.** Polytechnique Montréal – *Performance of Nano-Bio Treated Columns in Slope Stability using Centrifuge modeling*
- **Ghiglione V., et Bouaanani N.** Polytechnique Montréal – *New practical methods for the seismic analysis of radial gates in dam structures*
- **Gholipour G., Bouaanani N., Lamarche C.-P., Roy N., Settecasì F., et Plante C.** Polytechnique Montréal – *Dynamic behaviour of CFRP-wrapped concrete bridge piers subjected to over-height vehicle impacts*
- **Islam K., Tremblay R., Alam M. S., et Stojadinovic B.** Polytechnique Montréal – *An Innovative Rocking Steel Bridge Pier System with Enhanced Seismic Performance*
- **Jung S., et Maghoul P.** Polytechnique Montréal – *Inconnu*
- **Keshvari Ilkhechi M., Davaran A., Lamarche C.-P., et Tremblay R.** Université de Sherbrooke – *Numerical study of the Diaphragm Behavior of a New Deep Steel Deck Profile with Flange and Web Stiffeners*
- **Kraiem M. H., Nollet M.-J., et Khaled A.** École de technologie supérieure – *Vulnérabilité sismique des bâtiments en carré de madriers*

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- **Laouni A., et Yniesta S.** Polytechnique Montréal – *Facteur d'échelle de magnitude pour les séismes de l'Est de l'Amérique du Nord*
- **Lin H., et Xie Y.** McGill University – *Dynamic performance and damage assessment of tunnel infrastructure under surface explosion for rock blasting*
- **Mahrous A., AbdelRahman B., Bouaanani N., et Galal K.** Concordia University – *Seismic Performance Assessment of Reinforced Masonry Core Walls with Boundary Elements*
- **Mazloom S., et Assi R.** École de technologie supérieure – *Estimation of the Vertical Floor Spectral Accelerations in Elastic RC Moment-Resisting Frame Buildings*
- **Mehrjoo M., et Assi R.** École de technologie supérieure – *Reliable Peak components acceleration for ductile NSCs subjected to horizontal ground motions*
- **Millichamp D., et Tirca L.** Concordia University – *Seismic assessment of friction braced frames from yielding to failure*
- **Mossa R., AbdelRahman B., et Galal K.** Concordia University – *Numerical Modelling of Fully Grouted Reinforced Concrete Masonry Shear Walls using Finite and Applied Element Methods*
- **Ning C., et Xie Y.** McGill University – *Nonlinear time history prediction of seismic responses using deep learning*
- **Pejmanfar S., et Tirca L.** Concordia University – *Assessment of earthquake-induced direct economic loss and downtime for braced frame buildings*
- **Potsis T., et Stathopoulos T.** Concordia University – *Wind-induced peak pressures on the roof of low-rise buildings: Experimental and computational perspectives*
- **Prudhomme J., Asselin M.-H., Bouaanani N., et Renaud S.** Polytechnique Montréal – *Bidirectional seismic response of bridge piers in Eastern Canada*
- **Rafiee A., Davaran A., et Lamarche C.-P.** Université de Sherbrooke – *Novel seismic force-resisting systems for mid- and high-rise modular steel buildings*
- **Ramin Afshar B., et Koboevic S.** Polytechnique Montréal – *Seismic design of shallow foundations for eccentrically-braced steel frames in Canada*
- **Rico P., Echeverri M., Graciano C., et Boissonnade N.** Université Laval – *Shear buckling coefficients for longitudinally stiffened-haunched steel plate girders*
- **Salehian's A., et Paultre P.** Université de Sherbrooke – *An investigation of inelastic higher-mode effects in RC shear walls with dual plastic hinges*
- **Sarkar A., et Bagchi A.** Concordia University – *A novel spectral finite element method for evaluating the seismic performance of concrete gravity dams*
- **Seifamiri H., et Maghoul P.** Polytechnique Montréal – *Structural Resilience and Habitat Protection in Martian Environment: Building Resilient Structures in the Face of Seismic Challenges*
- **Shanshan C., et Xie Y.** McGill University – *Probabilistic regional seismic risk assessment of the Los Angeles bridge network using a new generation of fragility functions*
- **Shao Y., et Xie Y.** McGill University – *Seismic risk assessment of highway bridges in western Canada under crustal, subcrustal, and subduction earthquakes*
- **Song S., et Xie Y.** McGill University – *Towards reliable seismic fragility assessment of oblong bridge columns considering the drift-based capacity directionality effect*
- **Tavakoli S., et Shakibaeinia A.** Polytechnique Montréal – *Mesh-free Particle-Based Modelling of Fluid-Structure Interactions*
- **Wang J., Rowzeh E., Diallo M. S., et Bouaanani N.** Polytechnique Montréal – *Dynamic response of structures to flood-induced loads*
- **Wang S., et Tirca L.** Concordia University – *Seismic response of strongback braced frames*
- **Yavaritaj M., et Guizani L.** École de technologie supérieure – *On the variability of Hysteretic behaviour of natural rubber for bridge bearings*
- **Yazdani A., et Yniesta S.** Polytechnique Montréal – *Reduction Factors for Induced Earthquakes*