



Nom :
**G rard J.
Poitras**

Passion :
d couvrir

Domaines de recherche

- Interactions fluides-structures
- Dynamiques des structures
- Optimisation des structures
- Simulation exp rimentale et num rique du vent autour des b timents

Publications

- Roy G., Gherasim I., Nadeau F., Poitras G. J., Nguyen C. T. (2012). « Heat transfer performance and hydrodynamic behaviour of turbulent nanofluid radial flows », *International Journal of Thermal Sciences*, vol. 58.
- D'Entremont F., Poitras G. J., Laplante G. (2012). « Composite reinforcement of L-spliced timber piles », *Canadian Journal of Civil Engineering*, vol. 39.
- Poitras G. J., Lefran ois G., Cormier G., 2011. « Optimization of Steel Floor Systems using a Particle Swarm Algorithm ». *Journal of Construction Steel Research*. Vol. 67, pp 1225-1231.

Prix et distinctions

- Prix d'excellence en  ducation 2014, Association des ing nieurs et g oscientifiques du Nouveau-Brunswick.
- Fellow, Soci t  canadienne de g nie civil, 2014
- Fellow, Ing nieurs Canada, 2013
- Prix d'excellence en enseignement 2009, Universit  de Moncton

 quipes de recherche

Monsieur Poitras dirige des projets d' tudiantes et d' tudiants de chacun des cycles d' tudes et collabore r guli rement   des projets de recherche avec l'Universit  de Poitiers, France.



G rard J. Poitras

est professeur au D partement de g nie civil de la Facult  d'ing nierie de l'Universit  de Moncton, campus de Moncton.

Il est directeur du Centre de g nie  olien.



Name:
**G rard J.
Poitras**

Passion:
to discover

Research Interests

- Fluid-structure interactions
- Structural dynamics
- Structural optimization
- Numerical and experimental simulation of wind around buildings

Publications

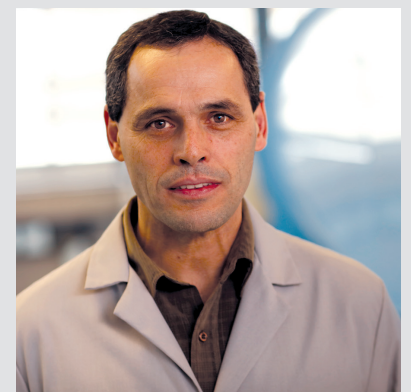
- Roy G., Gherasim I., Nadeau F., Poitras G. J., Nguyen C. T. (2012). Heat transfer performance and hydrodynamic behaviour of turbulent nanofluid radial flows. *International Journal of Thermal Sciences*, vol. 58.
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Awards and Honours

- 2014 Outstanding Educator Award, Association of Professional Engineers and Geoscientists of New Brunswick
- Canadian Society for Civil Engineering Fellows award (2014)
- Engineers Canada Fellowship award (2013)
- 2009 Award of Excellence in Teaching, Universit  de Moncton

Research Teams

Professor Poitras supervises the work of undergraduate and graduate students and collaborates regularly in research projects with the Universit  de Poitiers, France.



G rard J. Poitras is a professor in the Department of civil engineering, Faculty of engineering, Universit  de Moncton, Moncton campus.

He is the director of the Wind Engineering Centre.