



**De:** CRM CRM@CRM.UMontreal.CA  
**Objet:** CONFÉRENCE CRM-FIELDS-PIMS 2016 (02/002/2017, Daniel Wise)  
**Date:** 12 janvier 2017 11:14  
**À:** activites@crm.umontreal.ca

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CONFÉRENCE PRIX CRM-FIELDS-PIMS 2016

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CONFÉRENCIER(S) / SPEAKER(S) :  
Daniel Wise (McGill)

TITRE / TITLE :  
"The Cubical Route to Understanding Groups"

LIEU / PLACE :  
CRM, UdeM, Pav. André-Aisenstadt, 2920, ch. de la Tour, salle 6254

DATE :  
Le jeudi 2 février 2017 / Thursday, February 2, 2017

HEURE / TIME :  
16 h / 4:00 p.m.

RESUME / ABSTRACT :  
Cube complexes have come to play an increasingly central role within geometric group theory, as their connection to right-angled Artin groups provides a powerful combinatorial bridge between geometry and algebra. This talk will introduce nonpositively curved cube complexes, and then describe the developments that have recently culminated in the resolution of the virtual Haken conjecture for 3-manifolds, and simultaneously dramatically extended our understanding of many infinite groups.

Le café sera servi à 15h30 et une réception suivra la conférence au Salon Maurice-L'Abbé (salle 6245).

Coffee will be served before the conference and a reception will follow at Salon Maurice-L'Abbé (Room 6245).

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<http://www.crm.math.ca/Wise>

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