



**De:** crm@crm.umontreal.ca  
**Objet:** COLLOQUE DES SCIENCES MATHÉMATIQUES DU QUÉBEC (12/03/2015, Pierre Colmez)  
**Date:** 9 mars 2015 10:59  
**À:** activites@CRM.UMontreal.CA

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Le café sera servi à 15h30 / BURN 1024  
Coffee will be served at 3:30 pm / BURN 1024

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COLLOQUE DES SCIENCES MATHÉMATIQUES DU QUÉBEC - Montréal  
<http://www.crm.umontreal.ca/Colloques/colloqueSMQ-Montreal.html>  
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DATE :  
Le jeudi 12 mars 2015 / Thursday, March 12, 2015

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

CONFERENCIER(S) / SPEAKER(S) :  
Pierre Colmez (CNRS & Paris VI Jussieu)

TITRE / TITLE :  
( $\phi - \Gamma$ )-modules and applications

LIEU / PLACE :  
CRM, UdeM, Pav. André-Aisenstadt, 2920, ch. de la Tour, salle 1360

RESUME / ABSTRACT :  
The theory of ( $\phi - \Gamma$ )-modules was developed by J.-M. Fontaine in order to study p-adic representations of Galois groups of local (p-adic) fields. We will explore its applications to other problems, in particular to GL<sub>2</sub>-representations and the cohomology of p-adic varieties.