

Institut de Mathématiques
Rue Emile-Argand 11
CH-2000 Neuchâtel

Séminaire Groupes et Analyse

Attention : date, heure et lieu inhabituels !!!

**Petit auditoire de l'institut de chimie
(GPA, Rue Bellevaux 51)**

Mercredi 21 octobre à 14h00

Damian Sawicki

(Varsovie)

*Warped cones, profinite completions,
coarse embeddings and property A*

Abstract: Ten years ago J. Roe introduced the concept of warping a metric according to an action of a finitely generated group and applied it to infinite cones over compact G-spaces. Depending on geometric properties of acting groups or dynamic properties of actions, the resulting warped cones exhibit different, often quite unusual, large-scale properties. I will recall the construction and present some recent progress, including a construction of warped cones without property A yet coarsely embeddable into Hilbert space and ones coarsely non-embeddable into large classes of Banach spaces (Joint work with Piotr Nowak).

Tout le monde est le bienvenu !!

Alain Valette
Institut de mathématiques
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