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Pedro Zambrano* (phzambranor@unal.edu.co), Departamento de Matematicas, Universidad Nacional de Colombia, AK 30 45-03, Bogota, DC 111321, and **Will Boney** (wboney2@uic.edu), Department of Mathematics, Statistics, and Computer Science, UIC, 851 S. Morgan Street, Chicago, IL 60607-7045. *Around metric versions of tameness and type-shortness in Metric Abstract Elementary Classes.*

W. Boney proved that tameness in discrete Abstract Elementary Classes (AECs), under suitable assumptions, follows from existence of strongly compact cardinals, which proves the consistency of Shelah's categoricity conjecture in AECs.

M. Lieberman and J. Rosicky proved a similar result in accessible categories, which corresponds to a categorial generalization of both discrete AECs and Metric Abstract Elementary Classes (MAECs). However, their arguments are still discrete.

P. Zambrano studied a metric version of tameness which is enough to prove a stability transfer theorem in MAECs, in a similar way as J. Baldwin, D. Kueker and M. VanDieren did in tame discrete AECs.

In this talk, we will talk about a preliminary study of existence of strongly compact cardinals and metric versions of tameness and type-shortness in MAECs. (Received September 16, 2014)