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**RUI FERNANDES**, University of Illinois Urbana-Champaign  
*Multiplicative Ehresmann connections*

I will report on recent work on multiplicative Ehresmann connections for Lie groupoid submersions, as well as their infinitesimal counterparts, the so-called IM Ehresmann connections. Time permitting I will illustrate with applications to computing (rational) Dixmier-Douady classes of gerbes.

This talk is based in joint work with Ioan Marcu (Nijmegen).