Contribution ID: **2209** Type: **Oral Competition (Graduate Student) / Compétition orale (Étudiant(e) du 2e ou 3e cycle)**

The nuts and bolts of higher curvature gravity (G)*

Wednesday 13 June 2018 12:00 (15 minutes)

I will discuss recent work constructing Taub-NUT/Bolt solutions in general higher curvature theories of gravity. A broad class of theories known as generalized quasi-topological gravities (that include general relativity as a special case) allow for results non-perturbative in the higher curvature couplings, and we see a number of interesting differences compared to general relativity. General results can be obtained, valid for any theory of gravity, and I will comment on their implications in light of the AdS/CFT correspondence.

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