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De Sitter vacua in gauged Supergravity and the Swampland

Wednesday 29 June 2022 17:00 (20 minutes)

I will show that critical de Sitter points of gauged Supergravity are typically in conflict with the Weak Gravity Conjecture when the gravitino has a vanishing or parametrically small mass. This puts all known stable de Sitter vacua of the $N=2$ theory in the Swampland.

Primary author: MORITTU, Matteo (University of Padua)

Presenter: MORITTU, Matteo (University of Padua)

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