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Strong gravitational radiation from a simple dark matter model

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A rather minimal possibility is that dark matter consists of the gauge bosons of a spontaneously broken symmetry. Here we explore the possibility of detecting the gravitational waves produced by the phase transition associated with such breaking. Particularly promising for LISA is the super-cool dark matter regime,
with DM masses above 100 TeV, for which we find that the gravitational wave signal
is notably strong. ONLINE TALK.

Primary author: Dr GARCIA CELY, Camilo (DESY)

Presenter: Dr GARCIA CELY, Camilo (DESY)