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Cubic interactions for Maxwell-Like higher spins

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After a brief review of the interaction problem in higher-spin theory, I will illustrate the construction of cubic vertices for higher-spin gauge fields described at free level by a new class of Lagrangians, termed Maxwell-like.

The latter generalise the Fronsdal formulation to the case of reducible multiplets of massless particles and can be shown to be directly related to free tensionless strings.

The deformation of the constrained gauge symmetry of Maxwell-like theories requires a generalisation of the Noether procedure, that I will also illustrate.

Primary authors: Dr FRANZIA, Dario (Scuola Normale Superiore); Mr LO MONACO, Gabriele (Università di Pisa); Mr MKRTCHYAN, Karapet (School of Physics and Astronomy, Seoul National University)

Presenter: Mr LO MONACO, Gabriele (Università di Pisa)

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