Scale-setting of volume-reduced twisted Eguchi-Kawai model with one adjoint Majorana fermion at large-N

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$\mathcal{N} = 1$ SUSY Yang-Mills theory is an appealing theoretical framework that has been studied in the literature using different methods, including standard lattice simulations. Among these, the volume-reduced twisted Eguchi-Kawai model, endowed with one adjoint Majorana fermion, could play an important role in studying its large-N limit via the Curci-Veneziano prescription. In this talk, we present our results on the analysis of the scale of the theory, performed via different methods based on purely gluonic observables as well as (quenched) fundamental mesons in the chiral limit. These lattice results will be used as a scale setting for the analysis of the spectrum of the theory.

Primary authors: GONZALEZ-ARROYO, Antonio (Instituto de Fisica Teorica UAM-CISC and Departamento de Fisica Teorica UAM);   ISHIKAWA, Ken-Ichi (Hiroshima University);   GARCIA-PEREZ, Margarita (Instituto de Fisica Teorica UAM-CSIC);   Prof. OKAWA, Masanori (Graduate School of Advanced Science and Engineering, Hiroshima U.);   Mr BUTTI, Pietro (IFT UAM-CSIC)

Presenter: Mr BUTTI, Pietro (IFT UAM-CSIC)

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