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Title: **Spin ordering of nuclear spectra from random interactions**

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Recent developments in many-body quantum chaos have raised the issue of correlations between different families of levels in the spectra of random fermionic systems. It seems that rotational invariance is sufficient to force an otherwise random system to have statistically ordered spectra where the ground state can have the maximum spin allowed or zero spin a huge portion of the time. We have tackled this question and have characterized the role of "geometric chaoticity" and pairing in random systems. We have shown how the geometry gives rise to such a distribution of ground state spins and examined the coexistence of these regularities with chaotic wave functions.

Preferred presentation of the contribution: in the oral session.