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## Seminario DSFC

27/05/2026 ore 14.30, Aula 1.6, Coppito 1

### “Geometric engineering of Floquet bands in two-level driven systems”

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Abstract: We consider some examples of driven systems where the shape of the Floquet bands can be controlled from the external by a large amount. This scheme displayed useful also to mimic topological Floquet systems, even in the absence of real-space lattices. In the latter case, the related energy pumping is analyzed, unveiling its geometrical nature. Possible implementations, say in ultracold atoms or in optical cavities, are considered, also showing the large versatility of the method.