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Generically cellular twisted flag varieties

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Abstract: Let G be a semisimple linear algebraic group over a field k and let X be a projective homogeneous G -variety. The variety X is called *generically cellular* if G splits over the field of rational functions $k(X)$. For example, a Pfister quadric is a generically cellular variety. In the talk I intend to classify such varieties and give applications to the Rost invariant.

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MATHEMATICS AND COMPUTER SCIENCE
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