Progress in theoretical RFP studies: new stimulated helical regimes and similarities with tokamak and stellarator (TH/P3-35)

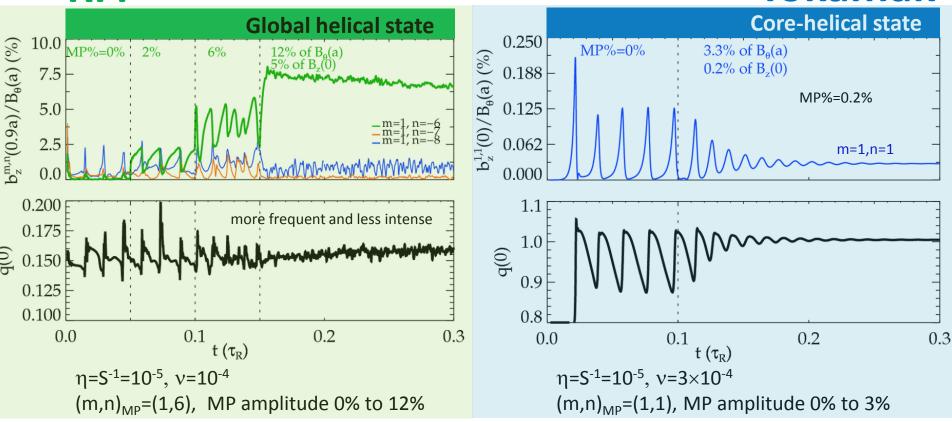


## Both RFP and tokamak sawtoothing saturate to helical regime [1]

in 3D nonlinear  $v\eta$ –MHD with small MPs

RFP (and/or when the product νη becomes large even without MP)

**Tokamak** 



## from Reconnection/Sawtoothing to Stimulated helical self-organization

[1] Bonfiglio, Veranda, Cappello, Escande, Chacòn PPCF 57 044001 (2015)