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Global Alfvénic modes excitation in Ohmic Tokamak plasmas following magnetic reconnection events

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A possible triggering mechanism of Alfvén waves (AWs) in tokamak plasmas, based on localized perturbations induced by magnetic reconnection events, is discussed in the framework of nonlinear viscoresistive 3D MHD modeling.

Authors: KRYZHANOVSKYY, Artur; BONFIGLIO, Daniele; Dr VERANDA, Marco (Consiglio Nazionale delle Ricerche ISTP - Consorzio RFX); CAPPELLO, Susanna

Presenter: KRYZHANOVSKYY, Artur

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