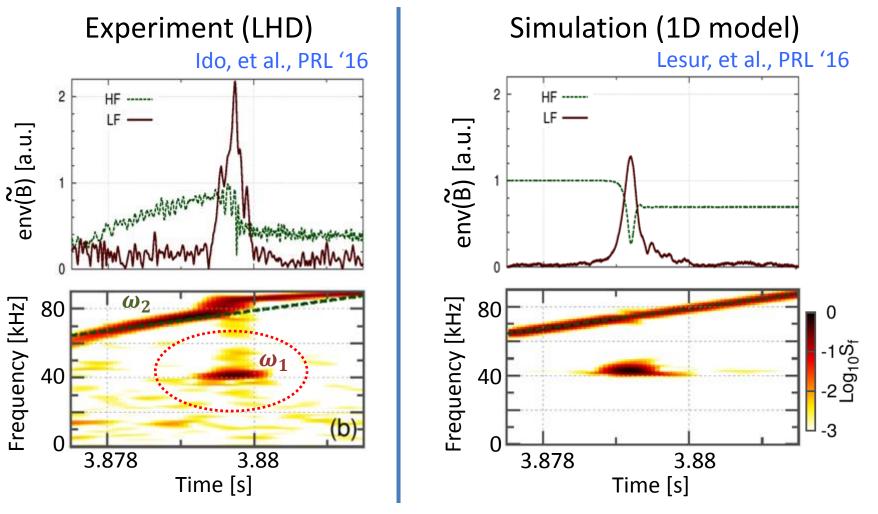
Nonlinear excitation of subcritical fast ion-driven modes

M. Lesur, et al., TH/P4-18



A new mechanism of subcritical instability (which couples kinetic nonlinearity in phase-space and fluid nonlinearity in real space) is responsible for the largest, most abrupt EGAM burst in the LHD.