

Abstract Submitted  
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**Highlights of the KSTAR Research relevant to ITER**<sup>1</sup> Y.K. OH, National Fusion Research Institute, H.K. PARK, National Fusion Research Institute, Ulsan National Institute of Science and Technology, S.W. YOON, National Fusion Research Institute, KSTAR TEAM — The Korean Superconducting Tokamak Advanced Research (KSTAR) capable of steady state operation of high beta plasmas, is an ideal test bed for ITER relevant research such as a long pulse operation of the superconducting device. In this talk, highlights of the recent KSTAR campaigns (2015, 2016) that are relevant to ITER operation and physics will be discussed. In particular, implication of MHD control (i.e., sawtooth, NTM, ELM and Disruption), rotation control through NTV and L-H threshold power dependence on the error field will be addressed.

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