

# DEVELOPING LONG PULSE HYBRID SCENARIO IN DIII-D AND KSTAR FOR W-COMPATIBLE STEADY-STATE OPERATION TOWARD ITER

Friday 17 October 2025 17:50 (20 minutes)

## Speaker's email address

skim2@pppl.gov

## Speaker's Affiliation

Princeton Plasma Physics Laboratory, PPPL

## Member State or IGO

United States

## Gender Survey (Speaker Only)

Mr

**Author:** Dr KIM, SangKyeun (Princeton Plasma Physics Laboratory)

**Co-authors:** BORTOLON, Alessandro (PPPL); Dr BIWOLE, Arsene (Massachusetts Institute of Technology); VICTOR, Brian (Lawrence Livermore National Laboratory); KOLEMEN, Egemen (Princeton University); TURCO, Francesca (Columbia University); LEE, Hyungho (Korea Institute of Fusion Energy); Dr LEE, Jekil (Korea Institute of Fusion Energy); PARK, Jin Myung (Oak Ridge National Laboratory); Dr CHUNG, Jinil (Korea Institute of Fusion Energy); KO, Jinseok (Korea Institute of Fusion Energy); SNIPES, Joseph (Princeton Plasma Physics Laboratory); HU, Qiming (PPPL); YANG, SeongMoo (Princeton Plasma Physics Lab); Dr OH, Seungtae (Korea Institute of Fusion Energy); Dr OSBORNE, Thomas (General Atomics); ODSTRCIL, Tomas (General Atomics); Dr BOYES, William (General Atomics); KO, Won-Ha (Korea Institute of Fusion Energy); NA, Yong-Su (Seoul National University); Dr LEE, YoungHo (Korea Institute of Fusion Energy); JEON, YoungMu (Korea Institute of Fusion Energy)

**Presenter:** Dr KIM, SangKyeun (Princeton Plasma Physics Laboratory)

**Session Classification:** Tungsten

**Track Classification:** EX - Magnetic Fusion Experiments including Validation: EX-C - Confinement