

# Advancing Tritium Fueling for DT Fusion in HL-3: Innovations in SMI Techniques and Physics-Based Tritium Fueling Strategies

Friday 17 October 2025 12:20 (20 minutes)

## Speaker's email address

xiaogl@swip.ac.cn

## Speaker's Affiliation

Southwestern institute of physics, chengdu

## Member State or IGO

China

## Gender Survey (Speaker Only)

Mr

**Author:** XIAO, Guoliang (Southwestern Institute of Physics, China)

**Co-authors:** ZHU, Yiren (Southwestern Institute of Physics); Mr SHEN, Yuqi (southwestern institute of physics); Ms YIN, Jiao (southwestern institute of physics); Mr XU, ke (southwestern institute of physics); FAN, Dongmei (Southwestern Institute of Physics, Chengdu, China); Mr DU, Hailong (Southwestern Institute of Physics); CHEN, Chengyuan (Southwestern institute of physics); Mr FENG, Beibin (southwestern institute of physics); Dr WANG, chiyu (southwestern institute of physics); ZOU, xiaolan (CEA); Dr ZHONG, Wulyu (CnSWIP)

**Presenter:** XIAO, Guoliang (Southwestern Institute of Physics, China)

**Session Classification:** Burning Plasma

**Track Classification:** EX - Magnetic Fusion Experiments including Validation: EX-P - Pedestal, Core-edge, Turbulence