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## Oral Session 06

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### 06A

Date / Time : Thursday, April 25 / 11:00-12:50

Place : 2F, Room A (Grand Ballroom A)

Session Chair : Masashi Shimada (INL, USA) / Takuji Oda (Seoul Nat'l Univ., Republic of Korea)

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#### 06A.1 11:00-11:25 [I.O]

**Retention and Transport of Tritium and Hydrogen Isotopes in Fusion Reactor Materials**

Yuji Hatano\*

*University of Toyama, Japan*

#### 06A.2 11:25-11:50 [I.O]

**Review of Tritium and Helium-3 in Metal Tritides**

Clark S. Snow\*, Caitlin A. Taylor, Brittany R. Muntifering

*Sandia National Laboratories, USA*

#### 06A.3 11:50-12:10

**Characterization of Tritium Transport in Molten  $2\text{LiF}\cdot\text{BeF}_2$  Salt and Graphite by Electrochemistry Techniques.**

Francesco Carotti\*, Huali Wu, Raluca Scarlat

*University of Wisconsin, USA*

#### 06A.4 12:10-12:30

**The Cryosorbent and Regeneration Properties of Activated Charcoal for Tokamak Exhaust**

Yu Gong\*, Lei Yue, Xiaolong Fu, Heyi Wang

*China Academy of Engineering Physics, China*

#### 06A.5 12:30-12:50

**Microstructural Evolution During Neutron Irradiation of Lithium Aluminate for Tritium Production**

DJ Senor\*, DE Burkes

*Pacific Northwest National Laboratory, USA*