



Oral Sessioin 07

[07A]

Thursday, April 25 / 14:00-15:30

Room A (Grand Ballroom A, 2F)

O7A.1 14:00-14:25

Simultaneous Measurement of Deuterium Permeation and Lithium-Lead Corrosion for Tritium Permeation Barrier Coatings

Takumi Chikada^{1*}, Moeki Matsunaga¹, Kazuki Saito², Kazuki Nakamura¹, Keisuke Kimura¹, Hikari Fujita³, Yoshimitsu Hishinuma⁴, Teruya Tanaka⁴

¹Shizuoka University, Japan, ²SOKENDAI, Japan, ³The University of Tokyo, Japan, ⁴National Institute for Fusion Science, Japan

O7A.2 14:25-14:50

Molecular Dynamics Simulation for Behaviors of Helium in Uranium and Uranium Tritide

Takuji Oda^{1*}, Jae-Uk Lee², Hyun-goo Kang², Min Ho Chang²

¹Seoul National University, Republic of Korea, ²National Fusion Research Institute, Republic of Korea

O7A.3 14:50-15:10

Study of Electrolyser Materials at High Tritium Concentrations

H. Boniface*, T. Whitehorne, C. Muirhead, H. Li, R. Carson, S. Suppiah

Canadian Nuclear Laboratories, Canada

O7A.4 15:10-15:30

Thin-Alumina Films as a Tritium Adsorption Inhibitor for Stainless-Steel 316

Cody Fagan*, Daniel Bassler, Matthew Sharpe, W.T. Shmayda, W.U. Schroeder

University of Rochester, USA