



Oral Session 02

[O2A]

Monday, April 22 / 14:00-15:30

Room A (Grand Ballroom A, 2F)

O2A.1 14:00-14:25

Kinetics of Tritium Absorption/Desorption of Massive and Dust Materials

Payet Mickael*, Garcia-Argote Sebastien, Feuillastre Sophie, Pieters Gregory, Bernard Elodie, Grisolia Christian

The French Alternative Energies and Atomic Energy Commission, France

O2A.2 14:25-14:50

Advanced Electron Microscopy of Helium Nanobubbles in a Palladium Alloy

David B. Robinson^{1*}, Noelle R. Catarineu¹, Norman C. Bartelt¹, Xiaowang Zhou¹, Suzy Vitale¹

, Joshua D. Sugar¹, Warren L. York¹, Caitlin A. Taylor¹, E. Lynn Bouknight², Kirk L. Shanahan²

¹Sandia National Laboratories, USA, ²Savannah River National Laboratory, USA

O2A.3 14:50-15:10

Comparison of Hydrogen Isotope Retention in Divertor Tiles of JET with ITER-Like Wall Exposed during 2011-2012 and 2015-2016 Campaigns

Yasuhisa Oya^{1*}, Suguru Masuzaki², Masayuki Tokitani², Moeko Nakata¹, Fei Sun¹, Makoto Oyaidzu³, Kanetsuku Isobe³, Nobuyuki Asakura³, Teppei Otsuka⁴, Anna M. Widdowson⁵, Jari Likonen⁶, Marek Rubel⁷

¹Shizuoka University, Japan, ²National Institute of Fusion Science, Japan, ³National Institutes for Quantum and Radiological Science and Technology, Japan ⁴Kindai University, Japan, ⁵Culham Science Centre, UK, ⁶VTT Technical Research Centre of Finland, Finland, ⁷Royal Institute of Technology, Sweden

O2A.4 15:10-15:30

³He Release, Crystal Lattice Evolution and ³He Bubble Evolution in Titanium Tritides: A Survey of Experimental Results

X.S. Zhou*, G.J. Chen, H.F. Wang, W. Ding, W.D. Wang, S.M. Peng, X.G. Long

China Academy of Engineering Physics, China