



April 22–26, 2019, Haeundae Grand Hotel Busan, Korea

Plenary Session 3

Thursday, April 25 / 08:30-10:30

Room A (Grand Ballroom A, 2F)

PL7 08:30-09:10

Progress in Developing the Tritium Handbook for ITER

Ian Bonett*, Robert Michling, Wataru Shu, David Demange, Scott Willms

International Thermonuclear Experimental Reactor, France

PL8 09:10-09:50

Tritium Trapping in Tungsten for Nuclear-Fusion Devices: Impact of Pre-Existing Defects, Material Morphology and Helium Irradiation

Bernard^{1*}, Sakamoto², Kreter³, Grisolia¹, Payet¹, Garcia-Argote¹, Corr⁴, Doerner⁵, Schwarz-Selinger⁶, Bisson⁷, Pardanaud⁷, Markelj⁸, Martin⁷, Barthe⁹, Thompson⁴

¹The French Alternative Energies and Atomic Energy Commission, France, ²National Institute for Fusion Science, Japan, ³Forschungszentrum Jülich, Germany, ⁴Australian National University, Australia, ⁵University of California San Diego, USA, ⁶Max-Planck-Ins

PL9 09:50-10:30

Overview of Tritium Effects and Assessment of Toxicity of ITER-Like Tungsten Dust

MALARD^{1*}, LEBARON-JACOBS¹, GEORGE¹, UBOLDI², BERNARD¹, SANLES², HAGEGE³, HERLIN-BOIME¹, ORSIERE², PIETERS¹, ROSE², VREL³, ROUSSEAU¹, GRISOLIA¹

¹The French Alternative Energies and Atomic Energy Commission, France, ²Aix Marseille University, France, ³French National Centre for Scientific Research, France