
Oral Session 02

O2B

Date / Time : Monday, April 22 / 14:00-15:25

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

Session Chair : Kyu-Min Song (KHNP, Republic of Korea) / Shuming Peng (CAEP, China)

O2B.1 14:00-14:25 [I.O]

Design Status of the Torus Vacuum Pumping System for Tritium Processing in the EU-DEMO

Thomas Giegerich^{1*}, Christian Day¹, Curt Gliss², Stefan Hanke¹, Thomas Haerti², Yannick Hoerstensmeyer¹, Mihaela Ionescu-Bujor¹, Ralf Mueller¹, Benedikt Peters¹, Holger Strobel¹

¹Karlsruhe Institute of Technology, Germany, ²EUROfusion, Germany

O2B.2 14:25-14:45

Effects of Temperature and Pressure on Purge Gas Chemical Compositions in Tritium Breeding Blanket

Michiko Ahn Furudate^{1*}, Seungyon Cho²

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

O2B.3 14:45-15:05

Tritium Supply and Processing for the First KATRIN Tritium Operation

S. Welte*, D. Hillesheimer, L. T. Le, S. Schaefer, F. Priester, E. Fanghaenel, M. Sturm

Karlsruhe Institute of Technology, Germany

O2B.4 15:05-15:25

Latest Design Developments for the Fuel Cycle and Tritium Plant for the European DEMO Fusion Reactor

Barry Butler^{1*}, Rachel Lawless¹, Tamsin Jackson¹, Robert George¹, Joao Lopes¹, Sophie Davies¹, Alessia Santucci², Christian Day³, Thomas Giegerich³, Bernhard Ploekl⁴

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