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## Oral Session 01

### [O1A]

Monday, April 22 / 11:00-12:30

Room A (Grand Ballroom A, 2F)

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#### O1A.1 11:00-11:25

##### The Development of Deuterium-Tritium Target for Inertial Confinement Fusion on Gekko XII-LFEX Facility

Yasunobu Arikawa<sup>1\*</sup>, Yuki Iwasa<sup>1</sup>, Kohei Yamanoi<sup>1</sup>, Keisuke Iwano<sup>1</sup>, Shinsuke Fujioka<sup>1</sup>, Akifumi Iwamoto<sup>2</sup>, Mitsuo Nakai<sup>1</sup>, Yuji Hatano<sup>3</sup>, Masanori Hara<sup>3</sup>, Satoshi Akamaru<sup>3</sup>, Takayoshi Norimatsu<sup>1</sup>

<sup>1</sup>Osaka University, Japan, <sup>2</sup>National Institute of Fusion Science, Japan, <sup>3</sup>University of Toyama, Japan

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#### O1A.2 11:25-11:50

##### Tritium Permeation Behavior in Plasma-Facing Components and Structural Materials

Masashi Shimada\*, Robert J. Pawelko

Idaho National Laboratory, USA

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#### O1A.3 11:50-12:10

##### Observations of Tritium Inventory in JET-ILW Dust Particles and Applications to Metal Wall Fusion Devices

Naoko Ashikawa<sup>1\*</sup>, Teppei Otsuka<sup>2</sup>, Yuji Torikai<sup>3</sup>, Nobuyuki Asakura<sup>4</sup>, Anna Widdowson<sup>5</sup>, Marek Rubel<sup>6</sup>, Hikaru Furuta<sup>3</sup>, Hironori Kurotaki<sup>4</sup>, Masami Ando<sup>4</sup>, Dai Hamaguchi<sup>4</sup>, Suguru Masuzaki<sup>1</sup>, Yuji Hatano<sup>7</sup>, Hirofumi Hanamura<sup>4</sup>, Stefan Jachmich<sup>5</sup>, Takumi Hayashi<sup>4</sup>

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#### O1A.4 12:10-12:30

##### Assessment on Helium Embrittlement of Austenitic Steels Used in Tritium Storage and Delivery System

Sojeong Yang<sup>1</sup>, Jae-Uk Lee<sup>2</sup>, Hyun-Goo Kang<sup>2</sup>, Min Ho Chang<sup>2</sup>, Takuji Oda<sup>1\*</sup>

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