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## Oral Session 01

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### 01B

Date / Time : Monday, April 22 / 11:00-12:40

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

Session Chair : Michael McDonald (Kinectrics, Canada) /

Hongsuk Chung (KAERI, Republic of Korea)

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#### 01B.1 11:00-11:20

**Validation of Tritium Protection Factors in Respiratory Protective Equipment - Setup and Initial Tests**

Michael McDonald\*, Armando Antoniazzi

*Kinectrics, Canada*

#### 01B.2 11:20-11:40

**Design of a Cryostat for Spectroscopic Investigation of All Hydrogen Isotopologues in the Liquid Phase**

Bennet Krasch, Robin Groessle, Daniel Kuntz, Sebastian Mirz

*Karlsruhe Institute of Technology, Germany*

#### 01B.3 11:40-12:00

**Current R&D Activities on Tritium Permeation Barrier for Tritium Plant of CFETR**

Guikai Zhang\*, Feilong Yang, Xin Xiang, Tao Tang, Changan Chen, Xiaolin Wang

*China Academy of Engineering Physics, China*

#### 01B.4 12:00-12:20

**The 5th Organically Bound Tritium (OBT) Inter-Laboratory Exercise: Analysis of Fish Sample**

Sang Bog Kim\*

*Canadian Nuclear Laboratories., Canada*

#### 01B.5 12:20-12:40

**Preliminary Design and Tritium Assessment of CFETR HCCB TBB**

Xiaoyu Wang\*, Xinghua Wu, Long Zhang, Qixiang Cao, Xingfu Ye, Ruyan Li, Hongbin Liao, Xueqin Wang,

Jun Wang

*Southwestern Institute of Physics, China*