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## Oral Session 01

[O1B]

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

Room B (Grand Ballroom B, 2F)

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### O1B.1 11:00-11:20

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

Michael McDonald\*, Armando Antoniazzi

*Kinectrics, Canada*

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### O1B.2 11:20-11:40

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#### 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*

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### O1B.3 11:40-12:00

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

Zhangguikai\*, Yangfeilong, Xiangxin, Tangtao, Chenchangan, Wangxiaolin

*China Academy of Engineering Physics, China*

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### O1B.4 12:00-12:20

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

Sang Bog Kim\*

*Canadian Nuclear Laboratories, Canada*

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### O1B.5 12:20-12:40

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#### 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*