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## Oral Sessioin 04

### [O4A]

Tuesday, April 23 / 14:00-15:25

Room A (Grand Ballroom A, 2F)

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#### O4A.1 14:00-14:25

##### **Differential DNA Damage Response of Embryonic Neural Stem Cells and Fibroblasts after Tritiated Thymidine Contamination**

Sofiane Mokrani, Christine Granotier-Beckers\*, Olivier Etienne, Christian Grisolia, Franois Boussin

*The French Alternative Energies and Atomic Energy Commission, France*

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#### O4A.2 14:25-14:45

##### **Environmental Impact Analysis of Tritium around Nuclear Power Plants**

Juyoul Kim\*

*KEPCO International Nuclear Graduate School, Republic of Korea*

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#### O4A.3 14:45-15:05

##### **Tritium Releases to the Environment from the ESS Facility: Assessment of the Impact and Monitoring Strategy**

Ene Daniela<sup>1\*</sup>, Rodolfo Avila<sup>2</sup>, Sigrid Kozielski<sup>1</sup>

*<sup>1</sup>ESS ERIC, Sweden; <sup>2</sup>AF Energy (Nuclear), Sweden*

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#### O4A.4 15:05-15:25

##### **Measurement of Tritium Trapped in Natural Soil by Microwave Assisted Acid Dissolution Method**

Kazunari Katayama\*, Daiki Ishii, Toshiharu Takeishi, Satoshi Fukada

*Kyushu University, Japan*