## Coupling condensation with decay-chains: A refined model for the calculation of the radioxenon source term produced by underground nuclear explosions



Pauline Peteau<sup>1,2</sup>, Bernard Bourdon<sup>2</sup>, Eric Pili<sup>1</sup>

¹CEA, DAM, DIF, 91297 Arpajon, France.

²LGLTPE, ENS Lyon, CNRS, Université Lyon 1, France.

P2.3-204

Radioxenon precursors are moderately volatile elements that condense within the magma of the nuclear cavity when the system cools down...

## Come to see my poster to find out more about:

✓ our refined model for the calculation of the radioxenon source term produced by underground nuclear explosions,

✓ why magma does matter!





