

**JOINT SUPERVISION****Université libre de Bruxelles – Vrije Universiteit Brussel**

The public defence in order to obtain the PhD in Sciences  
degree of

**JÉRÔME ROLAND**

will be held on

**WEDNESDAY, JANUARY 17<sup>TH</sup> 2024 AT 4:00 PM AT :**

AY2.112

Building A, Entrance Y, 2<sup>nd</sup> Floor, Room 112, Solbosch Campus  
50, Avenue Franklin Roosevelt, 1050 Ixelles, Brussels

*(Click on the pictogram to view the Campus map)*



M. Jérôme ROLAND will publicly present and defend an  
original thesis entitled:

« Condensation processes in impact-related vapor  
plumes evidenced by isotopes fractionation »



**Supervisors : Vinciane DEBAILLE & Steven GODERIS**