

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

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

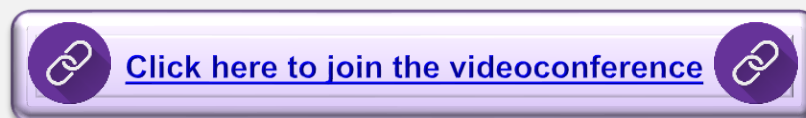
SOUMYA DANSANA

will be held on

MONDAY, DECEMBER 15TH, 2025, AT 3:00 PM AT:

the Jean Sacton room at the IIHE, G/1-G.1.03
Building G, 1st floor, Room 1.03
2, Boulevard de la Plaine, 1050 Ixelles, Bruxelles

as well as online:



Soumya DANSANA will publicly present and defend an
original thesis entitled:

« Search for light scalar particles from Higgs boson
decays in exclusive final states with two muons and
two hadrons at the CMS experiment »



Supervisors: Barbara CLERBAUX & Steven LOWETTE