

IDM 2022



14th International Conference on
Identification of Dark Matter

18-22 July 2022
Vienna, Austria

NEUTRON SIMULATION STUDIES AND THEIR IMPLICATIONS FOR CRESST

ALEXANDER FUSS¹ (CRESST COLLABORATION)

¹HEPHY & TU WIEN

#282



- NEUTRON BACKGROUND MODEL FOR THE CRESST-III EXPERIMENT
 - ANALYSIS OF AMBIENT, RADIOGENIC AND COSMOGENIC NEUTRON BACKGROUND
- STUDY OF NEUTRON FLUX AT VARIOUS STAGES OF THE EXPERIMENTAL SETUP
- NEUTRON CALIBRATION SIMULATION
 - FEATURES DUE TO (n,γ) REACTIONS