14th International Conference on
Identification of Dark Matter

18-22 July 2022
Vienna, Austria

BACKGROUND MODEL FITTING IN THE LUX-ZEPLIN EXPERIMENT

AIHAM AL MUSALHI
UNIVERSITY OF OXFORD

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- LZ IS EXPECTED TO ACHIEVE WORLD-LEADING SENSITIVITY
- THOROUGH UNDERSTANDING OF BACKGROUNDS IS ESSENTIAL
  - ^{222}RN, DETECTOR MATERIALS, ETC.
- BACKGROUND MODEL FITTING USED TO CONSTRAIN VARIOUS SOURCES
- VERIFIES SIDEBAND STUDIES & INITIAL EXPECTATIONS