## THE SECOND SAUDI INTERNATIONAL CONFERENCE ON NUCLEAR POWER ENGINEERING (SCOPE-2)

Contribution ID: 25379 Type: Extended Abstract

## Assessment of SPACE Code Prediction Capability for Two-phase Natural Circulation Flow Pressure Drops Limitations and Pathway for Improvements

*Tuesday, 4 November 2025 10:45 (15 minutes)* 

## **Technical Track**

Nuclear Thermal-Hydraulics

**Primary authors:** ATIAHALLAH, Abdulelah (King Abdullah City for Atomic and Renewable Energy); Mr ALFAIFI, Sultan (King Abdullah City for Atomic and Renewable Energy)

**Co-authors:** Dr ALSHARIF, Sharaf (King Abdullah City for Atomic and Renewable Energy); Mr ALESSI, Yasser (King Abdullah City for Atomic and Renewable Energy)

**Session Classification:** Thermal Hydraulics