#### SAAD DAHLAB UNIVERSITY

# Faculty of science

In Informatic Department

### **DOCTORAL THESIS**

Speciality: Information Systems Security

SECURITYBY CONSTRUCTION THROUGH FORMAL METHODS AND

BLOCKCHAIN: APPLICATION ON IOT NETWORKS IN SMART CITIES

# Through

### Walid MI LOUD DAHMANE

before the jury composed of:

M. Ould Khaoua	Professor. Blida 1 University	President
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The thesis will be publicly defended on February 16, 2023, at  $10^h$  am, in the conference room at the Pavilion 8.