

**BLIDA 1 UNIVERSITY**

**Faculty of Science**

Computer Science Department

**DOCTORAL THESIS**

Specialty: Information Systems Security

**A ROBUST AND SECURE AUTHENTICATION  
PROTOCOL FOR IoT SYSTEMS BASED ON PHYSICAL  
UNCLONABLE FUNCTIONS**

*By*

**Fahem ZERROUKI**

**In front of the Jury:**

N. Boustia	Professor,	Blida 1 University	President
H. Bouarfa	Professor,	Blida 1 University	Reporter
S. Ouchani	A.Professor,	CESI, France	Co. Director
M. Bensalah	A.Professor,	EMP, Algeria	Examiner
F. Boumahdi	A.Professor,	Blida 1 University	Examiner

February 16, 2023, at 14:00 (conference room in pavilion 13)