

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
Ecole supérieure en Sciences et Technologies de l'Informatique et du Numérique
Affiliated Research Laboratory LITAN

ESTIN

LITAN

Field: Mathematics and Computer Science
Program : Computer Science
Specialization: Data Science



Thesis submitted in partial fulfillment of the requirements for the
Doctoral (LMD) degree

Presented by
Macilia BOUKHAMA

Thesis Title

**SELECTION APPROACH FOR THE COMPOSITION OF
COMPLEX SERVICES IN CONNECTED OBJECT
ENVIRONMENTS**

The defense is scheduled for Tuesday, July 07th, 2026 at 09:00 am in the defense room, ESTIN, Amizour, Bejaia.

Thesis Defense Committee:

Name and Surname	Academic Rank		
Mr. TARI Abdelkamel	Professor	ESTIN	President
Mr. AZOUAOU Faïçal	Professor	ESTIN	Examiner
Mr. Abderrazak SEBAA	Professor	ESTIN	Examiner
Ms. Houda El BOUHISSI	MCA	Univ. of Bejaia	Examiner
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Academic Year : 2025/2026