



## ATTESTATION OF PARTICIPATION

The organization committee of 7th IEEE International Conference on Smart Communications in Network Technologies (SaCoNeT 2018) is pleased to certify that:

**Lamri Sayad**

Has attended SaCoNeT conference held in El Oued, Algerie, and has presented a paper entitled **“Placement optimization of wireless mesh routers using firefly optimization algorithm”**

Sincerely,

Professor Abdelhamid MELLOUK General chair

Abdelhamid MELLOUK  
Professeur

L.I.S.S.I.  
LABORATOIRE IMAGES SIGNAUX ET SYSTEMES INTELLIGENTS  
E.A. 39556 -  
UNIVERSITE PARIS XII-VAL DE MARNE  
61, avenue du Général de Gaulle - 94010 CRETEIL Cedex