

# Certificate of Appreciation

*Proudly awarded to:*

**Zakaria El-Moutaouakkil**

*Telecom Bretagne & LabSticc, France*

*In recognition and appreciation of his/her contribution as:*

**Reviewer in the:**

**2<sup>nd</sup> International Conference on Advanced Communication Systems and Information Security**

*which was held in Marrakesh, Morocco, November 20-22, 2019.*

Pr. Mostafa Belkasm  
ACOSIS 2019 General Co-Chair



Pr. Mohammed Essaïdi  
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