

# Certificate of Appreciation

*Proudly awarded to:*

***Pr. Jamal El abbadi***

*EMI- Mohammed V Agdal University, Rabat, Morocco*

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

***Technical Program Committee member of***

***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



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