

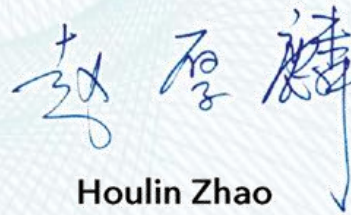
## CERTIFICATE OF PARTICIPATION

### ITU AI/ML in 5G Challenge

This is to recognize

*Aakash Agarwal, Satish Kumar,  
and Neeraj Varshney*

who completed and submitted a solution to the problem statement  
"Lightning-Fast Modulation Classification with Hardware-Efficient Neural Networks"  
in the ITU AI/ML in 5G Challenge 2021



**Houlin Zhao**  
Secretary General, ITU



**Chaesub Lee**  
Director, ITU Standardization Bureau

14 December 2021

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