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# CERTIFICATE OF PARTICIPATION

This is to certify that

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has participated in the 2023 IEEE International Conference on Smart Information Systems and Technologies held in Astana, Kazakhstan On May 4-6, 2023,

by presenting the paper titled:

**RECYCLING FOR RECYCLING: ROI CROPPING BY RECYCLING A PRE-TRAINED ATTENTION MECHANISM FOR ACCURATE CLASSIFICATION OF RECYCLABLES**

Conference Chair,  
Vice-Rector for Science and  
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