



5<sup>th</sup>



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International Conference on Access to Recent  
Advances in Engineering and Digitalization  
19 - 20 June 2025, Türkiye

# *Certificate of Participation*

This is to certify that  
*Rüveyda Eto*

has participated in the 5th International Conference on Access to Recent Advances in  
Engineering and Digitalization

**Paper Title** A Dynamic Management Model Based on SDN and VLAN for Virtual Machine  
Cloning in Complex Network Topologies

**Paper Authors** Simge Şengül, Berat Özbay, Begüm Erdem, Rüveyda Eto

**Presentation Type** Oral

**Certificate Verification Code**

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*Assoc. Prof. Dr. Zeki Oralhan*  
*Conference Chair*