

**İTÜ**



# 12<sup>th</sup> INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, WAVELET AND APPLICATIONS

November 3-5, 2025



## CERTIFICATE OF ATTENDANCE

*Safiyye Kalemci*  
*Istanbul Aydin University, Türkiye*  
**in recognition of your participation  
with the presentation of**

*Algorithmic Modeling and Cryptographic Applications of Multiplicative Hyperrings*

*The 12<sup>th</sup> International Conference on Image Processing, Wavelet and Applications (IWW2025)  
is held between November 3 and 5, 2025 at Istanbul Technical University, Istanbul, Türkiye.*

**IWW General Chair**

Yeliz Karaca, University of Massachusetts, USA

**IWW 2025 General Chair**

Nizamettin Aydin, Istanbul Technical University, Türkiye