

13th International Workshop on Computational Intelligence for Multimedia Understanding

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The 13th International Workshop on Computational Intelligence for Multimedia Understanding (IWCIM), organised by the ERCIM Working Group on Multimedia Understanding through Semantics, Computation and Learning (MUSCLE) [L1], was held as a special session during the IEEE International Symposium on Circuits and Systems (ISCAS) 2025 in London.

This year's workshop was a fully in-person event, welcoming 25 attendees. Held on May 27, the session featured six stimulating presentations on a diverse palette of innovations in multimedia intelligence. Topics ranged from infrared-based air leak detection and accent-sensitive phoneme recognition to fog-computing resource provisioning, SAR-based ship classification, and thermal-resistant fingerprint modelling. The lively discussions and cross-disciplinary insights generated during the session set the stage for an even broader impact in future editions.

Multimedia understanding is an essential component of intelligent applications in our daily lives, spanning household, commercial, industrial, and scientific environments. The analysis of data from a multitude of multimodal sensors is critical to unlocking their full potential. The MUSCLE working group within ERCIM, through the IWCIM workshop series, aims to address these emergent topics by fostering a vibrant community of scientists and practitioners from both academia and industry.

The mission continues with the upcoming 14th IWCIM, which will be held in conjunction with ISCAS 2026 in Shanghai, China, from May 25-27, 2026. The call for papers will be announced soon. Further information will be available on the IWCIM website [L2].

Links:

<http://wiki.ercim.eu/wg/MUSCLE/>
<http://iwcim.itu.edu.tr>

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Figure 1: Presenting authors and workshop organiser Prof. Maria Trocan at IWCIM 2025.



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